

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

05/18/2023

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	22.80	21.43	20.64	19.74	20.48	22.33	30.53	32.87	28.27	20.92	19.28	18.77	18.23	18.65	18.45	18.86	21.07	25.62	30.05	34.87	36.99	27.77	23.70	22.58
24138	0.72	0.69	0.66	0.65	0.68	0.83	1.33	1.68	1.50	1.30	1.31	1.21	1.10	1.15	1.11	1.10	1.09	1.32	1.72	1.50	1.67	1.05	0.77	0.56
	-11.99	-10.49	-9.87	-9.04	-9.06	-8.17	-9.09	-6.49	-8.87	-4.45	-2.79	-3.79	-5.08	-5.19	-5.52	-6.10	-7.64	-9.34	-7.91	-13.36	-13.07	-11.05	-12.03	-14.29
74TH STREET_GT_1	22.78	21.41	20.62	19.72	20.46	22.30	30.47	32.79	28.22	20.87	19.23	18.73	18.19	18.62	18.42	18.82	21.04	25.58	29.98	34.81	36.92	27.74	23.68	22.57
24260	0.70	0.67	0.64	0.63	0.66	0.80	1.27	1.60	1.45	1.26	1.26	1.17	1.06	1.11	1.08	1.06	1.05	1.27	1.65	1.44	1.60	1.02	0.75	0.55
	-11.99	-10.49	-9.87	-9.04	-9.06	-8.17	-9.09	-6.49	-8.87	-4.45	-2.79	-3.79	-5.08	-5.19	-5.52	-6.10	-7.64	-9.34	-7.91	-13.36	-13.07	-11.05	-12.03	-14.29
74TH STREET_GT_2	22.78	21.41	20.62	19.72	20.46	22.30	30.47	32.79	28.22	20.87	19.23	18.73	18.19	18.62	18.42	18.82	21.04	25.58	29.98	34.81	36.92	27.74	23.68	22.57
24261	0.70	0.67	0.64	0.63	0.66	0.80	1.27	1.60	1.45	1.26	1.26	1.17	1.06	1.11	1.08	1.06	1.05	1.27	1.65	1.44	1.60	1.02	0.75	0.55
	-11.99	-10.49	-9.87	-9.04	-9.06	-8.17	-9.09	-6.49	-8.87	-4.45	-2.79	-3.79	-5.08	-5.19	-5.52	-6.10	-7.64	-9.34	-7.91	-13.36	-13.07	-11.05	-12.03	-14.29
ADK HUDSON___FALLS	25.65	23.93	23.00	21.90	22.68	24.33	32.81	34.39	30.02	21.50	19.41	19.15	19.00	19.40	19.27	19.83	22.55	27.44	31.42	37.99	44.28	42.87	26.62	26.03
24011	0.56	0.55	0.54	0.54	0.60	0.77	1.31	1.56	1.00	0.76	0.73	0.63	0.58	0.58	0.53	0.52	0.63	0.78	1.10	1.26	1.49	1.10	0.67	0.42
	-15.01	-13.12	-12.35	-11.31	-11.34	-10.23	-11.39	-8.14	-11.12	-5.57	-3.50	-4.75	-6.37	-6.50	-6.92	-7.65	-9.58	-11.70	-9.89	-16.72	-20.54	-26.11	-15.05	-17.88
ADK RESOURCE___RCVRY	25.72	24.00	23.05	21.96	22.74	24.41	32.92	34.56	30.12	21.57	19.49	19.21	19.06	19.45	19.32	19.90	22.62	27.54	31.56	38.17	44.50	43.08	26.72	26.10
23798	0.61	0.60	0.58	0.59	0.66	0.85	1.43	1.73	1.11	0.83	0.80	0.69	0.64	0.63	0.58	0.58	0.69	0.87	1.23	1.40	1.65	1.21	0.73	0.47
	-15.02	-13.13	-12.36	-11.32	-11.34	-10.24	-11.38	-8.13	-11.11	-5.57	-3.50	-4.76	-6.38	-6.50	-6.93	-7.65	-9.58	-11.71	-9.92	-16.75	-20.60	-26.21	-15.08	-17.90
ADK S GLENS___FALLS	25.65	23.93	23.00	21.90	22.68	24.33	32.81	34.39	30.02	21.50	19.41	19.15	19.00	19.40	19.27	19.83	22.55	27.44	31.42	37.99	44.28	42.87	26.62	26.03
24028	0.56	0.55	0.54	0.54	0.60	0.77	1.31	1.56	1.00	0.76	0.73	0.63	0.58	0.58	0.53	0.52	0.63	0.78	1.10	1.26	1.49	1.10	0.67	0.42
	-15.01	-13.12	-12.35	-11.31	-11.34	-10.23	-11.39	-8.14	-11.12	-5.57	-3.50	-4.75	-6.37	-6.50	-6.92	-7.65	-9.58	-11.70	-9.89	-16.72	-20.54	-26.11	-15.05	-17.88
ADK_NYS___DAM	25.01	23.39	22.50	21.42	22.19	23.87	32.04	33.69	29.37	21.17	19.19	18.94	18.67	19.08	18.97	19.51	22.10	26.92	30.91	37.18	41.99	38.02	25.98	25.35
23527	0.44	0.47	0.48	0.46	0.52	0.68	0.97	1.16	0.77	0.64	0.64	0.59	0.48	0.49	0.48	0.48	0.53	0.67	0.94	1.04	1.18	0.85	0.56	0.37
	-14.47	-12.66	-11.91	-10.91	-10.93	-9.87	-10.97	-7.84	-10.71	-5.37	-3.37	-4.58	-6.14	-6.26	-6.67	-7.37	-9.23	-11.27	-9.55	-16.13	-18.56	-21.51	-14.52	-17.25
AIR_PRODUCTS___DRP	24.97	23.34	22.45	21.38	22.13	23.75	31.91	33.54	29.33	21.13	19.17	18.90	18.67	19.08	18.96	19.51	22.09	26.81	30.77	36.95	40.62	34.66	25.85	25.26
24190	0.41	0.44	0.43	0.43	0.46	0.57	0.84	1.01	0.73	0.61	0.62	0.56	0.49	0.51	0.48	0.49	0.53	0.60	0.82	0.84	0.91	0.67	0.46	0.31
	-14.46	-12.65	-11.90	-10.90	-10.92	-9.86	-10.95	-7.83	-10.70	-5.36	-3.36	-4.57	-6.13	-6.25	-6.66	-7.36	-9.21	-11.25	-9.53	-16.10	-17.46	-18.32	-14.49	-17.22
AKWESSNE_115KV_BK	9.89	10.05	9.93	9.87	10.53	13.10	19.73	24.28	17.57	14.89	14.91	13.50	11.78	12.05	11.51	11.33	12.01	14.61	19.93	19.61	21.81	15.31	10.69	7.55
355683	-0.20	-0.21	-0.18	-0.18	-0.21	-0.23	-0.38	-0.42	-0.32	-0.27	-0.27	-0.26	-0.27	-0.27	-0.31	-0.33	-0.33	-0.36	-0.49	-0.40	-0.45	-0.36	-0.22	-0.18
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	24.97	23.34	22.45	21.38	22.13	23.75	31.91	33.54	29.33	21.13	19.17	18.90	18.67	19.08	18.96	19.51	22.09	26.81	30.77	36.95	40.62	34.66	25.85	25.26
23571	0.41	0.44	0.43	0.43	0.46	0.57	0.84	1.01	0.73	0.61	0.62	0.56	0.49	0.51	0.48	0.49	0.53	0.60	0.82	0.84	0.91	0.67	0.46	0.31
	-14.46	-12.65	-11.90	-10.90	-10.92	-9.86	-10.95	-7.83	-10.70	-5.36	-3.36	-4.57	-6.13	-6.25	-6.66	-7.36	-9.21	-11.25	-9.53	-16.10	-17.46	-18.32	-14.49	-17.22
ALBANY___2	24.97	23.34	22.45	21.38	22.13	23.75	31.91	33.54	29.33	21.13	19.17	18.90	18.67	19.08	18.96	19.51	22.09	26.81	30.77	36.95	40.62	34.66	25.85	25.26
23572	0.41	0.44	0.43	0.43	0.46	0.57	0.84	1.01	0.73	0.61	0.62	0.56	0.49	0.51	0.48	0.49	0.53	0.60	0.82	0.84	0.91	0.67	0.46	0.31
	-14.46	-12.65	-11.90	-10.90	-10.92	-9.86	-10.95	-7.83	-10.70	-5.36	-3.36	-4.57	-6.13	-6.25	-6.66	-7.36	-9.21	-11.25	-9.53	-16.10	-17.46	-18.32	-14.49	-17.22
ALBANY___3	24.97	23.34	22.45	21.38	22.13	23.75	31.91	33.54	29.33	21.13	19.17	18.90	18.67	19.08	18.96	19.51	22.09	26.81	30.77	36.95	40.62	34.66	25.85	25.26
23573	0.41	0.44	0.43	0.43	0.46	0.57	0.84	1.01	0.73	0.61	0.62	0.56	0.49	0.51	0.48	0.49	0.53	0.60	0.82	0.84	0.91	0.67	0.46	0.31
	-14.46	-12.65	-11.90	-10.90	-10.92	-9.86	-10.95	-7.83	-10.70	-5.36	-3.36	-4.57	-6.13	-6.25	-6.66	-7.36	-9.21	-11.25	-9.53	-16.10	-17.46	-18.32	-14.49	-17.22

ALBANY___4 23574	24.97 0.41 -14.46	23.34 0.44 -12.65	22.45 0.43 -11.90	21.38 0.43 -10.90	22.13 0.46 -10.92	23.75 0.57 -9.86	31.91 0.84 -10.95	33.54 1.01 -7.83	29.33 0.73 -10.70	21.13 0.61 -5.36	19.17 0.62 -3.36	18.90 0.56 -4.57	18.67 0.49 -6.13	19.08 0.51 -6.25	18.96 0.48 -6.66	19.51 0.49 -7.36	22.09 0.53 -9.21	26.81 0.60 -11.25	30.77 0.82 -9.53	36.95 0.84 -16.10	40.62 0.91 -17.46	34.66 0.67 -18.32	25.85 0.46 -14.49	25.26 0.31 -17.22
ALBANY___LFGE 323615	25.14 0.46 -14.58	23.49 0.48 -12.75	22.59 0.48 -12.00	21.51 0.47 -10.99	22.27 0.52 -11.01	23.90 0.64 -9.94	32.11 0.95 -11.05	33.73 1.14 -7.89	29.49 0.81 -10.79	21.24 0.67 -5.41	19.26 0.68 -3.39	19.00 0.62 -4.61	18.77 0.54 -6.18	19.18 0.55 -6.31	19.07 0.53 -6.72	19.62 0.54 -7.42	22.22 0.58 -9.29	26.98 0.66 -11.35	30.96 0.92 -9.62	37.20 0.94 -16.25	41.48 1.05 -18.19	36.60 0.77 -20.16	26.04 0.51 -14.62	25.45 0.35 -17.38
ALCOA_PA_115KV_PL-6C 55860	9.95 -0.14 0.00	10.12 -0.13 0.00	10.00 -0.11 0.00	9.95 -0.10 0.00	10.62 -0.13 0.00	13.22 -0.11 0.00	19.89 -0.22 0.00	24.50 -0.20 0.00	17.72 -0.18 0.00	15.00 -0.17 0.00	15.00 -0.18 0.00	13.57 -0.19 0.00	11.81 -0.24 0.00	12.07 -0.25 0.00	11.50 -0.32 0.00	11.31 -0.35 0.00	12.00 -0.35 0.00	14.64 -0.33 0.00	19.99 -0.43 0.00	19.69 -0.32 0.00	21.92 -0.33 0.00	15.37 -0.30 0.00	10.75 -0.15 0.00	7.59 -0.13 0.00
ALCOA_RYNLDS___DRP 24188	9.95 -0.14 0.00	10.12 -0.13 0.00	10.00 -0.11 0.00	9.95 -0.10 0.00	10.62 -0.13 0.00	13.22 -0.11 0.00	19.89 -0.22 0.00	24.50 -0.20 0.00	17.72 -0.18 0.00	15.00 -0.17 0.00	15.00 -0.18 0.00	13.57 -0.19 0.00	11.81 -0.24 0.00	12.07 -0.25 0.00	11.50 -0.32 0.00	11.31 -0.35 0.00	12.00 -0.35 0.00	14.64 -0.33 0.00	19.99 -0.43 0.00	19.69 -0.32 0.00	21.92 -0.33 0.00	15.37 -0.30 0.00	10.75 -0.15 0.00	7.59 -0.13 0.00
ALCOA___DSASP 323711	9.95 -0.14 0.00	10.12 -0.13 0.00	10.00 -0.11 0.00	9.95 -0.10 0.00	10.62 -0.13 0.00	13.22 -0.11 0.00	19.89 -0.22 0.00	24.50 -0.20 0.00	17.72 -0.18 0.00	15.00 -0.17 0.00	15.00 -0.18 0.00	13.57 -0.19 0.00	11.81 -0.24 0.00	12.07 -0.25 0.00	11.50 -0.32 0.00	11.31 -0.35 0.00	12.00 -0.35 0.00	14.64 -0.33 0.00	19.99 -0.43 0.00	19.69 -0.32 0.00	21.92 -0.33 0.00	15.37 -0.30 0.00	10.75 -0.15 0.00	7.59 -0.13 0.00
ALLEGHENY___COGEN 23514	12.66 0.56 -2.01	12.60 0.59 -1.75	12.34 0.58 -1.65	12.12 0.56 -1.51	12.93 0.67 -1.52	15.53 0.84 -1.37	22.88 1.25 -1.52	27.16 1.38 -1.09	19.90 0.52 -1.48	16.14 0.23 -0.74	15.86 0.21 -0.47	14.51 0.11 -0.63	13.03 0.13 -0.85	13.36 0.17 -0.87	13.00 0.26 -0.92	12.96 0.28 -1.02	13.94 0.32 -1.28	17.02 0.49 -1.56	22.60 0.86 -1.32	23.29 1.04 -2.23	25.64 1.20 -2.18	18.45 0.94 -1.84	13.47 0.56 -2.01	10.59 0.47 -2.39
ALTAMONT_115KV_TB 2 55880	24.93 0.36 -14.47	23.29 0.38 -12.66	22.39 0.36 -11.91	21.32 0.36 -10.91	22.07 0.40 -10.93	23.67 0.48 -9.87	32.40 1.03 -11.26	33.98 1.23 -8.05	29.72 0.82 -11.00	21.30 0.62 -5.51	19.25 0.61 -3.46	19.00 0.54 -4.70	18.82 0.47 -6.30	19.23 0.48 -6.43	19.14 0.47 -6.85	19.70 0.48 -7.57	22.35 0.53 -9.47	27.22 0.67 -11.58	30.72 0.76 -9.55	36.88 0.74 -16.13	40.22 0.82 -17.14	33.60 0.60 -17.33	25.83 0.40 -14.52	25.26 0.28 -17.26
ALTONA_WT_PWR 323606	10.10 0.01 0.00	10.30 0.04 0.00	10.20 0.08 0.00	10.13 0.08 0.00	10.80 0.05 0.00	13.46 0.13 0.00	20.31 0.20 0.00	25.12 0.42 0.00	18.15 0.25 0.00	15.35 0.18 0.00	15.34 0.15 0.00	13.87 0.11 0.00	12.11 0.06 0.00	12.41 0.09 0.00	11.83 0.01 0.00	11.63 -0.03 0.00	12.33 -0.01 0.00	15.06 0.09 0.00	20.59 0.16 0.00	20.33 0.32 0.00	22.61 0.35 0.00	15.81 0.14 0.00	11.02 0.12 0.00	7.75 0.02 0.00
AMERICAN_REF_FUEL 24010	11.74 -0.33 -1.98	11.68 -0.31 -1.73	11.40 -0.34 -1.63	11.18 -0.36 -1.49	11.87 -0.37 -1.50	14.13 -0.55 -1.35	20.61 -1.01 -1.50	24.09 -1.68 -1.07	18.06 -1.31 -1.47	14.86 -1.05 -0.73	14.64 -1.00 -0.46	13.59 -0.80 -0.63	12.25 -0.64 -0.84	12.56 -0.62 -0.86	12.24 -0.49 -0.91	12.25 -0.42 -1.01	13.15 -0.46 -1.26	15.61 -0.90 -1.54	20.40 -1.33 -1.31	20.72 -1.50 -2.20	22.58 -1.82 -2.15	16.62 -0.86 -1.81	12.27 -0.62 -1.98	9.85 -0.23 -2.36
ARKWRIGHT___SUMMIT_WT_PWR 323751	12.43 0.10 -2.23	12.34 0.13 -1.95	12.04 0.09 -1.84	11.78 0.05 -1.68	12.52 0.09 -1.69	14.89 0.04 -1.52	21.91 0.10 -1.69	25.73 -0.17 -1.21	19.32 -0.23 -1.65	15.83 -0.17 -0.83	15.60 -0.11 -0.52	14.43 -0.04 -0.71	13.00 0.00 -0.95	13.34 0.05 -0.97	12.99 0.14 -1.03	12.98 0.18 -1.14	13.95 0.17 -1.43	16.64 -0.07 -1.75	21.76 -0.14 -1.48	22.13 -0.38 -2.50	24.05 -0.65 -2.45	17.46 -0.28 -2.07	12.79 -0.36 -2.25	10.27 -0.12 -2.66
ARTHUR_KILL_GT_1 23520	22.76 0.68 -11.99	21.38 0.64 -10.49	20.58 0.60 -9.87	19.68 0.59 -9.04	20.41 0.61 -9.06	22.18 0.68 -8.17	30.29 1.09 -9.09	32.37 1.19 -6.49	27.99 1.22 -8.87	20.65 1.03 -4.45	19.02 1.05 -2.79	18.53 0.98 -3.79	18.04 0.90 -5.08	18.45 0.95 -5.19	18.27 0.93 -5.52	18.70 0.93 -6.10	20.88 0.89 -7.64	25.47 1.17 -9.34	29.90 1.57 -7.91	34.58 1.22 -13.35	36.67 1.36 -13.06	27.60 0.88 -11.05	23.62 0.69 -12.03	22.55 0.53 -14.29
ARTHUR_KILL_2 23512	22.74 0.66 -11.99	21.36 0.62 -10.49	20.55 0.57 -9.87	19.66 0.57 -9.04	20.39 0.59 -9.06	22.15 0.65 -8.17	30.25 1.05 -9.09	32.32 1.14 -6.49	27.95 1.18 -8.87	20.62 1.00 -4.45	18.99 1.02 -2.79	18.51 0.95 -3.79	18.01 0.88 -5.08	18.43 0.92 -5.19	18.25 0.91 -5.52	18.66 0.90 -6.10	20.85 0.86 -7.64	25.43 1.12 -9.34	29.84 1.51 -7.91	34.52 1.16 -13.35	36.60 1.29 -13.06	27.56 0.85 -11.05	23.60 0.67 -12.03	22.54 0.52 -14.29
ARTHUR_KILL_3 23513	22.73 0.65 -11.99	21.35 0.60 -10.49	20.55 0.57 -9.87	19.65 0.56 -9.04	20.38 0.58 -9.06	22.20 0.71 -8.17	30.33 1.13 -9.09	32.60 1.41 -6.49	28.09 1.32 -8.87	20.80 1.18 -4.45	19.17 1.20 -2.79	18.66 1.10 -3.79	18.13 1.00 -5.08	18.55 1.05 -5.19	18.36 1.02 -5.52	18.77 1.00 -6.10	20.98 0.99 -7.64	25.50 1.20 -9.34	29.84 1.51 -7.91	34.61 1.24 -13.36	36.72 1.40 -13.07	27.64 0.92 -11.05	23.62 0.69 -12.03	22.52 0.50 -14.29
ARTHUR_KILL_COGEN 323718	22.76 0.68 -11.99	21.38 0.64 -10.49	20.58 0.60 -9.87	19.68 0.59 -9.04	20.41 0.61 -9.06	22.18 0.68 -8.17	30.29 1.09 -9.09	32.37 1.19 -6.49	27.99 1.22 -8.87	20.65 1.03 -4.45	19.02 1.05 -2.79	18.53 0.98 -3.79	18.04 0.90 -5.08	18.45 0.95 -5.19	18.27 0.93 -5.52	18.70 0.93 -6.10	20.88 0.89 -7.64	25.47 1.17 -9.34	29.90 1.57 -7.91	34.58 1.22 -13.35	36.67 1.36 -13.06	27.60 0.88 -11.05	23.62 0.69 -12.03	22.55 0.53 -14.29
ASHOKAN____ 23654	23.34 0.28 -12.96	21.87 0.28 -11.34	21.04 0.26 -10.67	20.09 0.27 -9.77	20.80 0.27 -9.79	22.43 0.27 -8.83	30.52 0.58 -9.82	32.38 0.67 -7.02	28.02 0.54 -9.59	20.26 0.29 -4.81	18.44 0.24 -3.01	18.05 0.19 -4.10	17.72 0.18 -5.49	18.11 0.19 -5.60	17.95 0.17 -5.97	18.47 0.22 -6.59	20.89 0.28 -8.26	25.32 0.27 -10.09	29.48 0.51 -8.54	34.95 0.50 -14.43	37.69 0.56 -14.88	30.26 0.42 -14.17	24.22 0.33 -12.99	23.30 0.13 -15.45

ASTORIA_EAST_ENERGY_CC1 323581	22.72 0.64 -11.99	21.34 0.59 -10.49	20.54 0.56 -9.87	19.63 0.54 -9.04	20.37 0.57 -9.06	22.13 0.64 -8.17	30.20 1.01 -9.08	32.46 1.28 -6.49	27.99 1.23 -8.87	20.70 1.09 -4.44	19.12 1.15 -2.78	18.62 1.07 -3.79	18.11 0.99 -5.08	18.52 1.02 -5.18	18.34 1.00 -5.52	18.73 0.98 -6.09	20.91 0.93 -7.63	25.42 1.12 -9.33	29.77 1.45 -7.90	34.58 1.22 -13.35	36.67 1.36 -13.06	27.54 0.83 -11.04	23.55 0.63 -12.02	22.52 0.50 -14.29
ASTORIA_EAST_ENERGY_CC2 323582	22.72 0.64 -11.99	21.34 0.59 -10.49	20.54 0.56 -9.87	19.63 0.54 -9.04	20.37 0.57 -9.06	22.13 0.64 -8.17	30.20 1.01 -9.08	32.46 1.28 -6.49	27.99 1.23 -8.87	20.70 1.09 -4.44	19.12 1.15 -2.78	18.62 1.07 -3.79	18.11 0.99 -5.08	18.52 1.02 -5.18	18.34 1.00 -5.52	18.73 0.98 -6.09	20.91 0.93 -7.63	25.42 1.12 -9.33	29.77 1.45 -7.90	34.58 1.22 -13.35	36.67 1.36 -13.06	27.54 0.83 -11.04	23.55 0.63 -12.02	22.52 0.50 -14.29
ASTORIA_GT2_1 24094	22.73 0.65 -11.99	21.34 0.59 -10.49	20.54 0.56 -9.87	19.64 0.55 -9.04	20.37 0.57 -9.06	22.13 0.64 -8.17	30.22 1.03 -9.08	32.46 1.28 -6.49	27.99 1.23 -8.87	20.71 1.11 -4.44	19.12 1.15 -2.78	18.62 1.07 -3.79	18.11 0.99 -5.08	18.53 1.03 -5.18	18.34 1.00 -5.52	18.73 0.98 -6.09	20.91 0.93 -7.63	25.43 1.14 -9.33	29.79 1.47 -7.90	34.60 1.24 -13.35	36.69 1.38 -13.06	27.56 0.85 -11.04	23.55 0.63 -12.02	22.53 0.51 -14.29
ASTORIA_GT2_2 24095	22.73 0.65 -11.99	21.34 0.59 -10.49	20.54 0.56 -9.87	19.64 0.55 -9.04	20.37 0.57 -9.06	22.13 0.64 -8.17	30.22 1.03 -9.08	32.46 1.28 -6.49	27.99 1.23 -8.87	20.71 1.11 -4.44	19.12 1.15 -2.78	18.62 1.07 -3.79	18.11 0.99 -5.08	18.53 1.03 -5.18	18.34 1.00 -5.52	18.73 0.98 -6.09	20.91 0.93 -7.63	25.43 1.14 -9.33	29.79 1.47 -7.90	34.60 1.24 -13.35	36.69 1.38 -13.06	27.56 0.85 -11.04	23.55 0.63 -12.02	22.53 0.51 -14.29
ASTORIA_GT2_3 24096	22.73 0.65 -11.99	21.34 0.59 -10.49	20.54 0.56 -9.87	19.64 0.55 -9.04	20.37 0.57 -9.06	22.13 0.64 -8.17	30.22 1.03 -9.08	32.46 1.28 -6.49	27.99 1.23 -8.87	20.71 1.11 -4.44	19.12 1.15 -2.78	18.62 1.07 -3.79	18.11 0.99 -5.08	18.53 1.03 -5.18	18.34 1.00 -5.52	18.73 0.98 -6.09	20.91 0.93 -7.63	25.43 1.14 -9.33	29.79 1.47 -7.90	34.60 1.24 -13.35	36.69 1.38 -13.06	27.56 0.85 -11.04	23.55 0.63 -12.02	22.53 0.51 -14.29
ASTORIA_GT2_4 24097	22.73 0.65 -11.99	21.34 0.59 -10.49	20.54 0.56 -9.87	19.64 0.55 -9.04	20.37 0.57 -9.06	22.13 0.64 -8.17	30.22 1.03 -9.08	32.46 1.28 -6.49	27.99 1.23 -8.87	20.71 1.11 -4.44	19.12 1.15 -2.78	18.62 1.07 -3.79	18.11 0.99 -5.08	18.53 1.03 -5.18	18.34 1.00 -5.52	18.73 0.98 -6.09	20.91 0.93 -7.63	25.43 1.14 -9.33	29.79 1.47 -7.90	34.60 1.24 -13.35	36.69 1.38 -13.06	27.56 0.85 -11.04	23.55 0.63 -12.02	22.53 0.51 -14.29
ASTORIA_GT3_1 24098	22.73 0.65 -11.99	21.34 0.59 -10.49	20.54 0.56 -9.87	19.64 0.55 -9.04	20.37 0.57 -9.06	22.13 0.64 -8.17	30.22 1.03 -9.08	32.46 1.28 -6.49	27.99 1.23 -8.87	20.71 1.11 -4.44	19.12 1.15 -2.78	18.62 1.07 -3.79	18.11 0.99 -5.08	18.53 1.03 -5.18	18.34 1.00 -5.52	18.73 0.98 -6.09	20.91 0.93 -7.63	25.43 1.14 -9.33	29.79 1.47 -7.90	34.60 1.24 -13.35	36.69 1.38 -13.06	27.56 0.85 -11.04	23.55 0.63 -12.02	22.53 0.51 -14.29
ASTORIA_GT3_2 24099	22.73 0.65 -11.99	21.34 0.59 -10.49	20.54 0.56 -9.87	19.64 0.55 -9.04	20.37 0.57 -9.06	22.13 0.64 -8.17	30.22 1.03 -9.08	32.46 1.28 -6.49	27.99 1.23 -8.87	20.71 1.11 -4.44	19.12 1.15 -2.78	18.62 1.07 -3.79	18.11 0.99 -5.08	18.53 1.03 -5.18	18.34 1.00 -5.52	18.73 0.98 -6.09	20.91 0.93 -7.63	25.43 1.14 -9.33	29.79 1.47 -7.90	34.60 1.24 -13.35	36.69 1.38 -13.06	27.56 0.85 -11.04	23.55 0.63 -12.02	22.53 0.51 -14.29
ASTORIA_GT3_3 24100	22.73 0.65 -11.99	21.34 0.59 -10.49	20.54 0.56 -9.87	19.64 0.55 -9.04	20.37 0.57 -9.06	22.13 0.64 -8.17	30.22 1.03 -9.08	32.46 1.28 -6.49	27.99 1.23 -8.87	20.71 1.11 -4.44	19.12 1.15 -2.78	18.62 1.07 -3.79	18.11 0.99 -5.08	18.53 1.03 -5.18	18.34 1.00 -5.52	18.73 0.98 -6.09	20.91 0.93 -7.63	25.43 1.14 -9.33	29.79 1.47 -7.90	34.60 1.24 -13.35	36.69 1.38 -13.06	27.56 0.85 -11.04	23.55 0.63 -12.02	22.53 0.51 -14.29
ASTORIA_GT3_4 24101	22.73 0.65 -11.99	21.34 0.59 -10.49	20.54 0.56 -9.87	19.64 0.55 -9.04	20.37 0.57 -9.06	22.13 0.64 -8.17	30.22 1.03 -9.08	32.46 1.28 -6.49	27.99 1.23 -8.87	20.71 1.11 -4.44	19.12 1.15 -2.78	18.62 1.07 -3.79	18.11 0.99 -5.08	18.53 1.03 -5.18	18.34 1.00 -5.52	18.73 0.98 -6.09	20.91 0.93 -7.63	25.43 1.14 -9.33	29.79 1.47 -7.90	34.60 1.24 -13.35	36.69 1.38 -13.06	27.56 0.85 -11.04	23.55 0.63 -12.02	22.53 0.51 -14.29
ASTORIA_GT4_1 24102	22.73 0.65 -11.99	21.34 0.59 -10.49	20.54 0.56 -9.87	19.64 0.55 -9.04	20.37 0.57 -9.06	22.13 0.64 -8.17	30.22 1.03 -9.08	32.46 1.28 -6.49	27.99 1.23 -8.87	20.71 1.11 -4.44	19.12 1.15 -2.78	18.62 1.07 -3.79	18.11 0.99 -5.08	18.53 1.03 -5.18	18.34 1.00 -5.52	18.73 0.98 -6.09	20.91 0.93 -7.63	25.43 1.14 -9.33	29.79 1.47 -7.90	34.60 1.24 -13.35	36.69 1.38 -13.06	27.56 0.85 -11.04	23.55 0.63 -12.02	22.53 0.51 -14.29
ASTORIA_GT4_2 24103	22.73 0.65 -11.99	21.34 0.59 -10.49	20.54 0.56 -9.87	19.64 0.55 -9.04	20.37 0.57 -9.06	22.13 0.64 -8.17	30.22 1.03 -9.08	32.46 1.28 -6.49	27.99 1.23 -8.87	20.71 1.11 -4.44	19.12 1.15 -2.78	18.62 1.07 -3.79	18.11 0.99 -5.08	18.53 1.03 -5.18	18.34 1.00 -5.52	18.73 0.98 -6.09	20.91 0.93 -7.63	25.43 1.14 -9.33	29.79 1.47 -7.90	34.60 1.24 -13.35	36.69 1.38 -13.06	27.56 0.85 -11.04	23.55 0.63 -12.02	22.53 0.51 -14.29
ASTORIA_GT4_3 24104	22.73 0.65 -11.99	21.34 0.59 -10.49	20.54 0.56 -9.87	19.64 0.55 -9.04	20.37 0.57 -9.06	22.13 0.64 -8.17	30.22 1.03 -9.08	32.46 1.28 -6.49	27.99 1.23 -8.87	20.71 1.11 -4.44	19.12 1.15 -2.78	18.62 1.07 -3.79	18.11 0.99 -5.08	18.53 1.03 -5.18	18.34 1.00 -5.52	18.73 0.98 -6.09	20.91 0.93 -7.63	25.43 1.14 -9.33	29.79 1.47 -7.90	34.60 1.24 -13.35	36.69 1.38 -13.06	27.56 0.85 -11.04	23.55 0.63 -12.02	22.53 0.51 -14.29
ASTORIA_GT4_4 24105	22.73 0.65 -11.99	21.34 0.59 -10.49	20.54 0.56 -9.87	19.64 0.55 -9.04	20.37 0.57 -9.06	22.13 0.64 -8.17	30.22 1.03 -9.08	32.46 1.28 -6.49	27.99 1.23 -8.87	20.71 1.11 -4.44	19.12 1.15 -2.78	18.62 1.07 -3.79	18.11 0.99 -5.08	18.53 1.03 -5.18	18.34 1.00 -5.52	18.73 0.98 -6.09	20.91 0.93 -7.63	25.43 1.14 -9.33	29.79 1.47 -7.90	34.60 1.24 -13.35	36.69 1.38 -13.06	27.56 0.85 -11.04	23.55 0.63 -12.02	22.53 0.51 -14.29
ASTORIA_GT_1 23523	22.74 0.66 -11.99	21.35 0.60 -10.49	20.55 0.57 -9.87	19.65 0.56 -9.04	20.38 0.58 -9.06	22.14 0.65 -8.17	30.24 1.05 -9.08	32.51 1.33 -6.49	28.03 1.27 -8.87	20.73 1.12 -4.44	19.15 1.19 -2.78	18.65 1.10 -3.79	18.14 1.01 -5.08	18.54 1.05 -5.18	18.36 1.03 -5.52	18.76 1.00 -6.09	20.93 0.95 -7.63	25.46 1.17 -9.33	29.83 1.51 -7.90	34.62 1.26 -13.35	36.74 1.43 -13.06	27.57 0.86 -11.04	23.58 0.65 -12.02	22.54 0.52 -14.29

ASTORIA_GT_10 24110	22.72 0.64 -11.99	21.35 0.60 -10.49	20.55 0.57 -9.87	19.65 0.56 -9.04	20.39 0.59 -9.06	22.18 0.68 -8.17	30.31 1.11 -9.09	32.57 1.38 -6.49	28.07 1.31 -8.87	20.77 1.15 -4.45	19.16 1.19 -2.79	18.66 1.10 -3.79	18.13 1.00 -5.08	18.55 1.05 -5.19	18.36 1.02 -5.52	18.77 1.00 -6.10	20.95 0.96 -7.64	25.49 1.18 -9.34	29.86 1.53 -7.91	34.67 1.30 -13.36	36.77 1.45 -13.07	27.61 0.89 -11.05	23.61 0.68 -12.03	22.53 0.51 -14.29
ASTORIA_GT_11 24225	22.72 0.64 -11.99	21.35 0.60 -10.49	20.55 0.57 -9.87	19.65 0.56 -9.04	20.39 0.59 -9.06	22.18 0.68 -8.17	30.31 1.11 -9.09	32.57 1.38 -6.49	28.07 1.31 -8.87	20.77 1.15 -4.45	19.16 1.19 -2.79	18.66 1.10 -3.79	18.13 1.00 -5.08	18.55 1.05 -5.19	18.36 1.02 -5.52	18.77 1.00 -6.10	20.95 0.96 -7.64	25.49 1.18 -9.34	29.86 1.53 -7.91	34.67 1.30 -13.36	36.77 1.45 -13.07	27.61 0.89 -11.05	23.61 0.68 -12.03	22.53 0.51 -14.29
ASTORIA_GT_12 24226	22.72 0.64 -11.99	21.35 0.60 -10.49	20.55 0.57 -9.87	19.65 0.56 -9.04	20.39 0.59 -9.06	22.18 0.68 -8.17	30.31 1.11 -9.09	32.57 1.38 -6.49	28.07 1.31 -8.87	20.77 1.15 -4.45	19.16 1.19 -2.79	18.66 1.10 -3.79	18.13 1.00 -5.08	18.55 1.05 -5.19	18.36 1.02 -5.52	18.77 1.00 -6.10	20.95 0.96 -7.64	25.49 1.18 -9.34	29.86 1.53 -7.91	34.67 1.30 -13.36	36.77 1.45 -13.07	27.61 0.89 -11.05	23.61 0.68 -12.03	22.53 0.51 -14.29
ASTORIA_GT_13 24227	22.72 0.64 -11.99	21.35 0.60 -10.49	20.55 0.57 -9.87	19.65 0.56 -9.04	20.39 0.59 -9.06	22.18 0.68 -8.17	30.31 1.11 -9.09	32.57 1.38 -6.49	28.07 1.31 -8.87	20.77 1.15 -4.45	19.16 1.19 -2.79	18.66 1.10 -3.79	18.13 1.00 -5.08	18.55 1.05 -5.19	18.36 1.02 -5.52	18.77 1.00 -6.10	20.95 0.96 -7.64	25.49 1.18 -9.34	29.86 1.53 -7.91	34.67 1.30 -13.36	36.77 1.45 -13.07	27.61 0.89 -11.05	23.61 0.68 -12.03	22.53 0.51 -14.29
ASTORIA_GT_5 24106	22.74 0.66 -11.99	21.35 0.60 -10.49	20.55 0.57 -9.87	19.65 0.56 -9.04	20.38 0.58 -9.06	22.14 0.65 -8.17	30.24 1.05 -9.08	32.51 1.33 -6.49	28.03 1.27 -8.87	20.73 1.12 -4.44	19.15 1.19 -2.78	18.65 1.10 -3.79	18.14 1.01 -5.08	18.54 1.05 -5.18	18.36 1.03 -5.52	18.76 1.00 -6.09	20.93 0.95 -7.63	25.46 1.17 -9.33	29.83 1.51 -7.90	34.62 1.26 -13.35	36.74 1.43 -13.06	27.57 0.86 -11.04	23.58 0.65 -12.02	22.54 0.52 -14.29
ASTORIA_GT_7 24107	22.74 0.66 -11.99	21.35 0.60 -10.49	20.55 0.57 -9.87	19.65 0.56 -9.04	20.38 0.58 -9.06	22.14 0.65 -8.17	30.24 1.05 -9.08	32.51 1.33 -6.49	28.03 1.27 -8.87	20.73 1.12 -4.44	19.15 1.19 -2.78	18.65 1.10 -3.79	18.14 1.01 -5.08	18.54 1.05 -5.18	18.36 1.03 -5.52	18.76 1.00 -6.09	20.93 0.95 -7.63	25.46 1.17 -9.33	29.83 1.51 -7.90	34.62 1.26 -13.35	36.74 1.43 -13.06	27.57 0.86 -11.04	23.58 0.65 -12.02	22.54 0.52 -14.29
ASTORIA_GT_8 24108	22.74 0.66 -11.99	21.35 0.60 -10.49	20.55 0.57 -9.87	19.65 0.56 -9.04	20.38 0.58 -9.06	22.14 0.65 -8.17	30.24 1.05 -9.08	32.51 1.33 -6.49	28.03 1.27 -8.87	20.73 1.12 -4.44	19.15 1.19 -2.78	18.65 1.10 -3.79	18.14 1.01 -5.08	18.54 1.05 -5.18	18.36 1.03 -5.52	18.76 1.00 -6.09	20.93 0.95 -7.63	25.46 1.17 -9.33	29.83 1.51 -7.90	34.62 1.26 -13.35	36.74 1.43 -13.06	27.57 0.86 -11.04	23.58 0.65 -12.02	22.54 0.52 -14.29
ASTORIA___2 24149	22.73 0.65 -11.99	21.34 0.59 -10.49	20.54 0.56 -9.87	19.64 0.55 -9.04	20.37 0.57 -9.06	22.13 0.64 -8.17	30.22 1.03 -9.08	32.46 1.28 -6.49	27.99 1.23 -8.87	20.71 1.11 -4.44	19.12 1.15 -2.78	18.62 1.07 -3.79	18.11 0.99 -5.08	18.53 1.03 -5.18	18.34 1.00 -5.52	18.73 0.98 -6.09	20.91 0.93 -7.63	25.43 1.14 -9.33	29.79 1.47 -7.90	34.60 1.24 -13.35	36.69 1.38 -13.06	27.56 0.85 -11.04	23.55 0.63 -12.02	22.53 0.51 -14.29
ASTORIA___3 23516	22.72 0.64 -11.99	21.35 0.60 -10.49	20.55 0.57 -9.87	19.65 0.56 -9.04	20.39 0.59 -9.06	22.18 0.68 -8.17	30.31 1.11 -9.09	32.57 1.38 -6.49	28.07 1.31 -8.87	20.77 1.15 -4.45	19.16 1.19 -2.79	18.66 1.10 -3.79	18.13 1.00 -5.08	18.55 1.05 -5.19	18.36 1.02 -5.52	18.77 1.00 -6.10	20.95 0.96 -7.64	25.49 1.18 -9.34	29.86 1.53 -7.91	34.67 1.30 -13.36	36.77 1.45 -13.07	27.61 0.89 -11.05	23.61 0.68 -12.03	22.53 0.51 -14.29
ASTORIA___4 23517	22.72 0.64 -11.99	21.35 0.61 -10.49	20.55 0.57 -9.87	19.65 0.56 -9.04	20.39 0.59 -9.06	22.18 0.68 -8.17	30.31 1.11 -9.09	32.57 1.38 -6.49	28.07 1.31 -8.87	20.77 1.15 -4.45	19.16 1.18 -2.79	18.66 1.10 -3.79	18.13 1.00 -5.08	18.54 1.03 -5.19	18.36 1.02 -5.52	18.77 1.00 -6.10	20.95 0.96 -7.64	25.49 1.18 -9.34	29.86 1.53 -7.91	34.71 1.34 -13.36	36.77 1.45 -13.07	27.61 0.89 -11.05	23.61 0.68 -12.03	22.53 0.51 -14.29
ASTORIA___5 23518	22.72 0.64 -11.99	21.35 0.60 -10.49	20.55 0.57 -9.87	19.65 0.56 -9.04	20.39 0.59 -9.06	22.18 0.68 -8.17	30.31 1.11 -9.09	32.57 1.38 -6.49	28.07 1.31 -8.87	20.77 1.15 -4.45	19.16 1.19 -2.79	18.66 1.10 -3.79	18.13 1.00 -5.08	18.55 1.05 -5.19	18.36 1.02 -5.52	18.77 1.00 -6.10	20.95 0.96 -7.64	25.49 1.18 -9.34	29.86 1.53 -7.91	34.67 1.30 -13.36	36.77 1.45 -13.07	27.61 0.89 -11.05	23.61 0.68 -12.03	22.53 0.51 -14.29
AST_ENERGY_2_CC3 323677	22.73 0.65 -11.99	21.37 0.63 -10.49	20.57 0.59 -9.87	19.67 0.58 -9.04	20.41 0.61 -9.06	22.23 0.73 -8.17	30.35 1.15 -9.09	32.62 1.43 -6.49	28.09 1.32 -8.87	20.78 1.17 -4.45	19.14 1.17 -2.79	18.64 1.09 -3.79	18.12 0.99 -5.08	18.53 1.02 -5.19	18.34 1.00 -5.52	18.74 0.98 -6.10	20.98 0.99 -7.64	25.47 1.17 -9.34	29.84 1.51 -7.91	34.65 1.28 -13.36	36.77 1.45 -13.07	27.64 0.92 -11.05	23.63 0.70 -12.03	22.53 0.51 -14.29
AST_ENERGY_2_CC4 323678	22.73 0.65 -11.99	21.37 0.63 -10.49	20.57 0.59 -9.87	19.67 0.58 -9.04	20.41 0.61 -9.06	22.23 0.73 -8.17	30.35 1.15 -9.09	32.62 1.43 -6.49	28.09 1.32 -8.87	20.78 1.17 -4.45	19.14 1.17 -2.79	18.64 1.09 -3.79	18.12 0.99 -5.08	18.53 1.02 -5.19	18.34 1.00 -5.52	18.74 0.98 -6.10	20.98 0.99 -7.64	25.47 1.17 -9.34	29.84 1.51 -7.91	34.65 1.28 -13.36	36.77 1.45 -13.07	27.64 0.92 -11.05	23.63 0.70 -12.03	22.53 0.51 -14.29
ATHENS_STG_1 23668	23.64 0.38 -13.17	22.15 0.38 -11.51	21.31 0.36 -10.83	20.33 0.36 -9.92	21.08 0.39 -9.95	22.76 0.47 -8.97	30.79 0.70 -9.98	32.69 0.86 -7.13	28.33 0.70 -9.74	20.66 0.61 -4.88	18.85 0.61 -3.06	18.49 0.56 -4.16	18.12 0.49 -5.58	18.53 0.52 -5.69	18.39 0.51 -6.06	18.86 0.50 -6.70	21.24 0.51 -8.39	25.82 0.60 -10.25	29.90 0.80 -8.68	35.42 0.74 -14.67	37.23 0.80 -14.18	27.88 0.58 -11.63	24.51 0.40 -13.20	23.71 0.29 -15.69
ATHENS_STG_2 23670	23.64 0.38 -13.17	22.15 0.38 -11.51	21.31 0.36 -10.83	20.33 0.36 -9.92	21.08 0.39 -9.95	22.76 0.47 -8.97	30.79 0.70 -9.98	32.69 0.86 -7.13	28.33 0.70 -9.74	20.66 0.61 -4.88	18.85 0.61 -3.06	18.49 0.56 -4.16	18.12 0.49 -5.58	18.53 0.52 -5.69	18.39 0.51 -6.06	18.86 0.50 -6.70	21.24 0.51 -8.39	25.82 0.60 -10.25	29.90 0.80 -8.68	35.42 0.74 -14.67	37.23 0.80 -14.18	27.88 0.58 -11.63	24.51 0.40 -13.20	23.71 0.29 -15.69

ATHENS_STG_3 23677	23.64 0.38 -13.17	22.15 0.38 -11.51	21.31 0.36 -10.83	20.33 0.36 -9.92	21.08 0.39 -9.95	22.76 0.47 -8.97	30.79 0.70 -9.98	32.69 0.86 -7.13	28.33 0.70 -9.74	20.66 0.61 -4.88	18.85 0.61 -3.06	18.49 0.56 -4.16	18.12 0.49 -5.58	18.53 0.52 -5.69	18.39 0.51 -6.06	18.86 0.50 -6.70	21.24 0.51 -8.39	25.82 0.60 -10.25	29.90 0.80 -8.68	35.42 0.74 -14.67	37.23 0.80 -14.18	27.88 0.58 -11.63	24.51 0.40 -13.20	23.71 0.29 -15.69
AUBURN____LFGE 323710	11.78 0.03 -1.66	11.75 0.04 -1.45	11.50 0.02 -1.36	11.32 0.02 -1.25	12.05 0.05 -1.25	14.53 0.08 -1.13	21.51 0.14 -1.26	25.77 0.17 -0.90	19.16 0.04 -1.23	15.75 0.00 -0.61	15.57 0.00 -0.39	14.29 0.00 -0.52	12.75 0.00 -0.70	13.04 0.00 -0.72	12.62 0.04 -0.76	12.54 0.03 -0.84	13.45 0.05 -1.06	16.30 0.04 -1.29	21.62 0.10 -1.09	21.98 0.12 -1.85	24.22 0.18 -1.79	17.30 0.14 -1.49	12.61 0.04 -1.66	9.78 0.08 -1.97
BABYLON_RES_REC 323704	25.60 0.90 -14.61	23.03 0.88 -11.89	22.49 0.86 -11.52	22.50 0.85 -11.60	23.10 0.90 -11.45	29.42 1.09 -15.00	30.89 1.69 -9.09	32.92 1.73 -6.49	29.45 1.72 -9.84	23.22 1.47 -6.59	24.19 1.41 -7.59	22.79 1.31 -7.72	22.24 1.17 -9.02	22.44 1.21 -8.91	25.55 1.16 -12.57	26.32 1.15 -13.51	26.79 1.17 -13.27	29.21 1.41 -12.84	31.18 1.90 -8.86	36.46 1.76 -14.69	42.98 2.00 -18.72	31.58 1.28 -14.62	27.91 0.96 -16.05	25.56 0.70 -17.14
BABYLON__69_KV_BK2 356345	25.69 0.99 -14.61	23.13 0.98 -11.89	22.58 0.95 -11.52	22.59 0.94 -11.60	23.19 1.00 -11.45	29.55 1.23 -15.00	31.07 1.87 -9.09	33.09 1.90 -6.49	29.60 1.86 -9.84	23.35 1.59 -6.59	24.31 1.53 -7.59	22.90 1.42 -7.72	22.33 1.27 -9.02	22.54 1.31 -8.91	25.64 1.25 -12.57	26.42 1.25 -13.51	26.90 1.28 -13.27	29.34 1.54 -12.84	31.36 2.08 -8.86	36.66 1.96 -14.69	43.22 2.25 -18.73	31.73 1.44 -14.63	28.02 1.07 -16.05	25.63 0.76 -17.14
BARON_WINDS____WT_PWR 323822	12.86 0.00 -2.77	12.69 0.01 -2.42	12.39 -0.01 -2.28	12.12 -0.02 -2.09	12.84 0.00 -2.09	15.16 -0.05 -1.89	22.11 -0.10 -2.10	25.80 -0.40 -1.50	19.57 -0.38 -2.05	15.88 -0.32 -1.03	15.54 -0.29 -0.65	14.43 -0.21 -0.88	13.08 -0.14 -1.18	13.40 -0.12 -1.20	13.05 -0.05 -1.28	13.06 -0.01 -1.41	14.09 -0.02 -1.77	16.92 -0.21 -2.16	21.95 -0.31 -1.83	22.66 -0.44 -3.09	24.70 -0.60 -3.05	18.02 -0.27 -2.62	13.41 -0.27 -2.78	10.96 -0.07 -3.30
BARRETT_IC_1 23704	25.54 0.84 -14.61	22.98 0.83 -11.89	22.43 0.80 -11.52	22.44 0.79 -11.60	23.02 0.83 -11.45	29.31 0.99 -15.00	30.63 1.43 -9.09	32.60 1.41 -6.49	29.31 1.58 -9.84	23.15 1.39 -6.59	24.16 1.38 -7.59	22.75 1.27 -7.72	22.21 1.15 -9.02	22.41 1.18 -8.91	25.49 1.10 -12.57	26.24 1.07 -13.51	26.68 1.06 -13.27	29.00 1.20 -12.83	30.82 1.55 -8.85	36.11 1.42 -14.68	42.57 1.60 -18.71	31.30 1.02 -14.61	27.78 0.83 -16.05	25.49 0.63 -17.14
BARRETT_IC_10 23701	25.54 0.84 -14.61	22.98 0.83 -11.89	22.43 0.80 -11.52	22.44 0.79 -11.60	23.02 0.83 -11.45	29.31 0.99 -15.00	30.63 1.43 -9.09	32.60 1.41 -6.49	29.31 1.58 -9.84	23.15 1.39 -6.59	24.16 1.38 -7.59	22.75 1.27 -7.72	22.21 1.15 -9.02	22.41 1.18 -8.91	25.49 1.10 -12.57	26.24 1.07 -13.51	26.68 1.06 -13.27	29.00 1.20 -12.83	30.82 1.55 -8.85	36.11 1.42 -14.68	42.57 1.60 -18.71	31.30 1.02 -14.61	27.78 0.83 -16.05	25.49 0.63 -17.14
BARRETT_IC_11 23702	25.54 0.84 -14.61	22.98 0.83 -11.89	22.43 0.80 -11.52	22.44 0.79 -11.60	23.02 0.83 -11.45	29.31 0.99 -15.00	30.63 1.43 -9.09	32.60 1.41 -6.49	29.31 1.58 -9.84	23.15 1.39 -6.59	24.16 1.38 -7.59	22.75 1.27 -7.72	22.21 1.15 -9.02	22.41 1.18 -8.91	25.49 1.10 -12.57	26.24 1.07 -13.51	26.68 1.06 -13.27	29.00 1.20 -12.83	30.82 1.55 -8.85	36.11 1.42 -14.68	42.57 1.60 -18.71	31.30 1.02 -14.61	27.78 0.83 -16.05	25.49 0.63 -17.14
BARRETT_IC_12 23703	25.54 0.84 -14.61	22.98 0.83 -11.89	22.43 0.80 -11.52	22.44 0.79 -11.60	23.02 0.83 -11.45	29.31 0.99 -15.00	30.63 1.43 -9.09	32.60 1.41 -6.49	29.31 1.58 -9.84	23.15 1.39 -6.59	24.16 1.38 -7.59	22.75 1.27 -7.72	22.21 1.15 -9.02	22.41 1.18 -8.91	25.49 1.10 -12.57	26.24 1.07 -13.51	26.68 1.06 -13.27	29.00 1.20 -12.83	30.82 1.55 -8.85	36.11 1.42 -14.68	42.57 1.60 -18.71	31.30 1.02 -14.61	27.78 0.83 -16.05	25.49 0.63 -17.14
BARRETT_IC_2 23705	25.54 0.84 -14.61	22.98 0.83 -11.89	22.43 0.80 -11.52	22.44 0.79 -11.60	23.02 0.83 -11.45	29.31 0.99 -15.00	30.63 1.43 -9.09	32.60 1.41 -6.49	29.31 1.58 -9.84	23.15 1.39 -6.59	24.16 1.38 -7.59	22.75 1.27 -7.72	22.21 1.15 -9.02	22.41 1.18 -8.91	25.49 1.10 -12.57	26.24 1.07 -13.51	26.68 1.06 -13.27	29.00 1.20 -12.83	30.82 1.55 -8.85	36.11 1.42 -14.68	42.57 1.60 -18.71	31.30 1.02 -14.61	27.78 0.83 -16.05	25.49 0.63 -17.14
BARRETT_IC_3 23706	25.54 0.84 -14.61	22.98 0.83 -11.89	22.43 0.80 -11.52	22.44 0.79 -11.60	23.02 0.83 -11.45	29.31 0.99 -15.00	30.63 1.43 -9.09	32.60 1.41 -6.49	29.31 1.58 -9.84	23.15 1.39 -6.59	24.16 1.38 -7.59	22.75 1.27 -7.72	22.21 1.15 -9.02	22.41 1.18 -8.91	25.49 1.10 -12.57	26.24 1.07 -13.51	26.68 1.06 -13.27	29.00 1.20 -12.83	30.82 1.55 -8.85	36.11 1.42 -14.68	42.57 1.60 -18.71	31.30 1.02 -14.61	27.78 0.83 -16.05	25.49 0.63 -17.14
BARRETT_IC_4 23707	25.54 0.84 -14.61	22.98 0.83 -11.89	22.43 0.80 -11.52	22.44 0.79 -11.60	23.02 0.83 -11.45	29.31 0.99 -15.00	30.63 1.43 -9.09	32.60 1.41 -6.49	29.31 1.58 -9.84	23.15 1.39 -6.59	24.16 1.38 -7.59	22.75 1.27 -7.72	22.21 1.15 -9.02	22.41 1.18 -8.91	25.49 1.10 -12.57	26.24 1.07 -13.51	26.68 1.06 -13.27	29.00 1.20 -12.83	30.82 1.55 -8.85	36.11 1.42 -14.68	42.57 1.60 -18.71	31.30 1.02 -14.61	27.78 0.83 -16.05	25.49 0.63 -17.14
BARRETT_IC_5 23708	25.54 0.84 -14.61	22.98 0.83 -11.89	22.43 0.80 -11.52	22.44 0.79 -11.60	23.02 0.83 -11.45	29.31 0.99 -15.00	30.63 1.43 -9.09	32.60 1.41 -6.49	29.31 1.58 -9.84	23.15 1.39 -6.59	24.16 1.38 -7.59	22.75 1.27 -7.72	22.21 1.15 -9.02	22.41 1.18 -8.91	25.49 1.10 -12.57	26.24 1.07 -13.51	26.68 1.06 -13.27	29.00 1.20 -12.83	30.82 1.55 -8.85	36.11 1.42 -14.68	42.57 1.60 -18.71	31.30 1.02 -14.61	27.78 0.83 -16.05	25.49 0.63 -17.14
BARRETT_IC_6 23709	25.54 0.84 -14.61	22.98 0.83 -11.89	22.43 0.80 -11.52	22.44 0.79 -11.60	23.02 0.83 -11.45	29.31 0.99 -15.00	30.63 1.43 -9.09	32.60 1.41 -6.49	29.31 1.58 -9.84	23.15 1.39 -6.59	24.16 1.38 -7.59	22.75 1.27 -7.72	22.21 1.15 -9.02	22.41 1.18 -8.91	25.49 1.10 -12.57	26.24 1.07 -13.51	26.68 1.06 -13.27	29.00 1.20 -12.83	30.82 1.55 -8.85	36.11 1.42 -14.68	42.57 1.60 -18.71	31.30 1.02 -14.61	27.78 0.83 -16.05	25.49 0.63 -17.14
BARRETT_IC_7 23710	25.54 0.84 -14.61	22.98 0.83 -11.89	22.43 0.80 -11.52	22.44 0.79 -11.60	23.02 0.83 -11.45	29.31 0.99 -15.00	30.63 1.43 -9.09	32.60 1.41 -6.49	29.31 1.58 -9.84	23.15 1.39 -6.59	24.16 1.38 -7.59	22.75 1.27 -7.72	22.21 1.15 -9.02	22.41 1.18 -8.91	25.49 1.10 -12.57	26.24 1.07 -13.51	26.68 1.06 -13.27	29.00 1.20 -12.83	30.82 1.55 -8.85	36.11 1.42 -14.68	42.57 1.60 -18.71	31.30 1.02 -14.61	27.78 0.83 -16.05	25.49 0.63 -17.14

BARRETT_IC_8 23711	25.54 0.84 -14.61	22.98 0.83 -11.89	22.43 0.80 -11.52	22.44 0.79 -11.60	23.02 0.83 -11.45	29.31 0.99 -15.00	30.63 1.43 -9.09	32.60 1.41 -6.49	29.31 1.58 -9.84	23.15 1.39 -6.59	24.16 1.38 -7.59	22.75 1.27 -7.72	22.21 1.15 -9.02	22.41 1.18 -8.91	25.49 1.10 -12.57	26.24 1.07 -13.51	26.68 1.06 -13.27	29.00 1.20 -12.83	30.82 1.55 -8.85	36.11 1.42 -14.68	42.57 1.60 -18.71	31.30 1.02 -14.61	27.78 0.83 -16.05	25.49 0.63 -17.14
BARRETT_IC_9 23700	25.54 0.84 -14.61	22.98 0.83 -11.89	22.43 0.80 -11.52	22.44 0.79 -11.60	23.02 0.83 -11.45	29.31 0.99 -15.00	30.63 1.43 -9.09	32.60 1.41 -6.49	29.31 1.58 -9.84	23.15 1.39 -6.59	24.16 1.38 -7.59	22.75 1.27 -7.72	22.21 1.15 -9.02	22.41 1.18 -8.91	25.49 1.10 -12.57	26.24 1.07 -13.51	26.68 1.06 -13.27	29.00 1.20 -12.83	30.82 1.55 -8.85	36.11 1.42 -14.68	42.57 1.60 -18.71	31.30 1.02 -14.61	27.78 0.83 -16.05	25.49 0.63 -17.14
BARRETT___1 23545	25.54 0.84 -14.61	22.98 0.83 -11.89	22.43 0.80 -11.52	22.44 0.79 -11.60	23.02 0.83 -11.45	29.31 0.99 -15.00	30.63 1.43 -9.09	32.60 1.41 -6.49	29.31 1.58 -9.84	23.15 1.39 -6.59	24.16 1.38 -7.59	22.75 1.27 -7.72	22.21 1.15 -9.02	22.41 1.18 -8.91	25.49 1.10 -12.57	26.24 1.07 -13.51	26.68 1.06 -13.27	29.00 1.20 -12.83	30.82 1.55 -8.85	36.11 1.42 -14.68	42.57 1.60 -18.71	31.30 1.02 -14.61	27.78 0.83 -16.05	25.49 0.63 -17.14
BARRETT___2 23546	25.54 0.84 -14.61	22.98 0.83 -11.89	22.43 0.80 -11.52	22.44 0.79 -11.60	23.02 0.83 -11.45	29.31 0.99 -15.00	30.63 1.43 -9.09	32.60 1.41 -6.49	29.31 1.58 -9.84	23.15 1.39 -6.59	24.16 1.38 -7.59	22.75 1.27 -7.72	22.21 1.15 -9.02	22.41 1.18 -8.91	25.49 1.10 -12.57	26.24 1.07 -13.51	26.68 1.06 -13.27	29.00 1.20 -12.83	30.82 1.55 -8.85	36.11 1.42 -14.68	42.57 1.60 -18.71	31.30 1.02 -14.61	27.78 0.83 -16.05	25.49 0.63 -17.14
BATAVIA___115KV_TB1 55881	11.94 -0.08 -1.93	11.89 -0.06 -1.69	11.61 -0.09 -1.59	11.40 -0.11 -1.46	12.12 -0.09 -1.46	14.44 -0.20 -1.32	21.15 -0.42 -1.46	24.83 -0.91 -1.04	18.52 -0.81 -1.43	15.20 -0.68 -0.71	14.98 -0.65 -0.45	13.89 -0.48 -0.61	12.50 -0.36 -0.82	12.84 -0.31 -0.83	12.49 -0.21 -0.89	12.46 -0.19 -0.98	13.40 -0.17 -1.23	15.92 -0.55 -1.51	20.90 -0.80 -1.28	21.21 -0.96 -2.15	23.17 -1.18 -2.10	16.99 -0.44 -1.76	12.51 -0.34 -1.94	9.98 -0.05 -2.30
BAYONEEC___CTG1 323682	22.74 0.66 -11.99	21.37 0.63 -10.49	20.58 0.60 -9.87	19.68 0.59 -9.04	20.41 0.61 -9.06	22.24 0.75 -8.17	30.39 1.19 -9.09	32.67 1.48 -6.49	28.13 1.36 -8.87	20.81 1.20 -4.45	19.17 1.20 -2.79	18.67 1.11 -3.79	18.14 1.01 -5.08	18.55 1.05 -5.19	18.37 1.03 -5.52	18.78 1.01 -6.10	20.99 1.00 -7.64	25.50 1.20 -9.34	29.88 1.55 -7.91	34.69 1.32 -13.36	36.79 1.47 -13.07	27.67 0.96 -11.05	23.64 0.71 -12.03	22.54 0.52 -14.29
BAYONEEC___CTG10 323750	22.74 0.66 -11.99	21.37 0.63 -10.49	20.58 0.60 -9.87	19.68 0.59 -9.04	20.41 0.61 -9.06	22.24 0.75 -8.17	30.39 1.19 -9.09	32.67 1.48 -6.49	28.13 1.36 -8.87	20.81 1.20 -4.45	19.17 1.20 -2.79	18.67 1.11 -3.79	18.14 1.01 -5.08	18.55 1.05 -5.19	18.37 1.03 -5.52	18.78 1.01 -6.10	20.99 1.00 -7.64	25.50 1.20 -9.34	29.88 1.55 -7.91	34.69 1.32 -13.36	36.79 1.47 -13.07	27.67 0.96 -11.05	23.64 0.71 -12.03	22.54 0.52 -14.29
BAYONEEC___CTG2 323683	22.74 0.66 -11.99	21.37 0.63 -10.49	20.58 0.60 -9.87	19.68 0.59 -9.04	20.41 0.61 -9.06	22.24 0.75 -8.17	30.39 1.19 -9.09	32.67 1.48 -6.49	28.13 1.36 -8.87	20.81 1.20 -4.45	19.17 1.20 -2.79	18.67 1.11 -3.79	18.14 1.01 -5.08	18.55 1.05 -5.19	18.37 1.03 -5.52	18.78 1.01 -6.10	20.99 1.00 -7.64	25.50 1.20 -9.34	29.88 1.55 -7.91	34.69 1.32 -13.36	36.79 1.47 -13.07	27.67 0.96 -11.05	23.64 0.71 -12.03	22.54 0.52 -14.29
BAYONEEC___CTG3 323684	22.74 0.66 -11.99	21.37 0.63 -10.49	20.58 0.60 -9.87	19.68 0.59 -9.04	20.41 0.61 -9.06	22.24 0.75 -8.17	30.39 1.19 -9.09	32.67 1.48 -6.49	28.13 1.36 -8.87	20.81 1.20 -4.45	19.17 1.20 -2.79	18.67 1.11 -3.79	18.14 1.01 -5.08	18.55 1.05 -5.19	18.37 1.03 -5.52	18.78 1.01 -6.10	20.99 1.00 -7.64	25.50 1.20 -9.34	29.88 1.55 -7.91	34.69 1.32 -13.36	36.79 1.47 -13.07	27.67 0.96 -11.05	23.64 0.71 -12.03	22.54 0.52 -14.29
BAYONEEC___CTG4 323685	22.74 0.66 -11.99	21.37 0.63 -10.49	20.58 0.60 -9.87	19.68 0.59 -9.04	20.41 0.61 -9.06	22.24 0.75 -8.17	30.39 1.19 -9.09	32.67 1.48 -6.49	28.13 1.36 -8.87	20.81 1.20 -4.45	19.17 1.20 -2.79	18.67 1.11 -3.79	18.14 1.01 -5.08	18.55 1.05 -5.19	18.37 1.03 -5.52	18.78 1.01 -6.10	20.99 1.00 -7.64	25.50 1.20 -9.34	29.88 1.55 -7.91	34.69 1.32 -13.36	36.79 1.47 -13.07	27.67 0.96 -11.05	23.64 0.71 -12.03	22.54 0.52 -14.29
BAYONEEC___CTG5 323686	22.74 0.66 -11.99	21.37 0.63 -10.49	20.58 0.60 -9.87	19.68 0.59 -9.04	20.41 0.61 -9.06	22.24 0.75 -8.17	30.39 1.19 -9.09	32.67 1.48 -6.49	28.13 1.36 -8.87	20.81 1.20 -4.45	19.17 1.20 -2.79	18.67 1.11 -3.79	18.14 1.01 -5.08	18.55 1.05 -5.19	18.37 1.03 -5.52	18.78 1.01 -6.10	20.99 1.00 -7.64	25.50 1.20 -9.34	29.88 1.55 -7.91	34.69 1.32 -13.36	36.79 1.47 -13.07	27.67 0.96 -11.05	23.64 0.71 -12.03	22.54 0.52 -14.29
BAYONEEC___CTG6 323687	22.74 0.66 -11.99	21.37 0.63 -10.49	20.58 0.60 -9.87	19.68 0.59 -9.04	20.41 0.61 -9.06	22.24 0.75 -8.17	30.39 1.19 -9.09	32.67 1.48 -6.49	28.13 1.36 -8.87	20.81 1.20 -4.45	19.17 1.20 -2.79	18.67 1.11 -3.79	18.14 1.01 -5.08	18.55 1.05 -5.19	18.37 1.03 -5.52	18.78 1.01 -6.10	20.99 1.00 -7.64	25.50 1.20 -9.34	29.88 1.55 -7.91	34.69 1.32 -13.36	36.79 1.47 -13.07	27.67 0.96 -11.05	23.64 0.71 -12.03	22.54 0.52 -14.29
BAYONEEC___CTG7 323688	22.74 0.66 -11.99	21.37 0.63 -10.49	20.58 0.60 -9.87	19.68 0.59 -9.04	20.41 0.61 -9.06	22.24 0.75 -8.17	30.39 1.19 -9.09	32.67 1.48 -6.49	28.13 1.36 -8.87	20.81 1.20 -4.45	19.17 1.20 -2.79	18.67 1.11 -3.79	18.14 1.01 -5.08	18.55 1.05 -5.19	18.37 1.03 -5.52	18.78 1.01 -6.10	20.99 1.00 -7.64	25.50 1.20 -9.34	29.88 1.55 -7.91	34.69 1.32 -13.36	36.79 1.47 -13.07	27.67 0.96 -11.05	23.64 0.71 -12.03	22.54 0.52 -14.29
BAYONEEC___CTG8 323689	22.74 0.66 -11.99	21.37 0.63 -10.49	20.58 0.60 -9.87	19.68 0.59 -9.04	20.41 0.61 -9.06	22.24 0.75 -8.17	30.39 1.19 -9.09	32.67 1.48 -6.49	28.13 1.36 -8.87	20.81 1.20 -4.45	19.17 1.20 -2.79	18.67 1.11 -3.79	18.14 1.01 -5.08	18.55 1.05 -5.19	18.37 1.03 -5.52	18.78 1.01 -6.10	20.99 1.00 -7.64	25.50 1.20 -9.34	29.88 1.55 -7.91	34.69 1.32 -13.36	36.79 1.47 -13.07	27.67 0.96 -11.05	23.64 0.71 -12.03	22.54 0.52 -14.29
BAYONEEC___CTG9 323749	22.74 0.66 -11.99	21.37 0.63 -10.49	20.58 0.60 -9.87	19.68 0.59 -9.04	20.41 0.61 -9.06	22.24 0.75 -8.17	30.39 1.19 -9.09	32.67 1.48 -6.49	28.13 1.36 -8.87	20.81 1.20 -4.45	19.17 1.20 -2.79	18.67 1.11 -3.79	18.14 1.01 -5.08	18.55 1.05 -5.19	18.37 1.03 -5.52	18.78 1.01 -6.10	20.99 1.00 -7.64	25.50 1.20 -9.34	29.88 1.55 -7.91	34.69 1.32 -13.36	36.79 1.47 -13.07	27.67 0.96 -11.05	23.64 0.71 -12.03	22.54 0.52 -14.29

BEACON___LESR 323632	25.08 0.54 -14.45	23.46 0.57 -12.63	22.56 0.56 -11.89	21.49 0.55 -10.88	22.26 0.60 -10.91	23.93 0.76 -9.85	32.18 1.13 -10.94	33.87 1.36 -7.82	29.55 0.97 -10.69	21.31 0.79 -5.36	19.35 0.80 -3.36	19.05 0.72 -4.57	18.80 0.63 -6.12	19.21 0.64 -6.25	19.07 0.60 -6.65	19.62 0.61 -7.35	22.21 0.67 -9.20	26.99 0.78 -11.24	31.03 1.08 -9.52	37.20 1.10 -16.09	40.97 1.22 -17.50	35.04 0.91 -18.46	25.99 0.60 -14.48	25.33 0.39 -17.22
BEAVER RIVER___HYD 24048	10.71 0.08 -0.54	10.80 0.07 -0.47	10.63 0.07 -0.45	10.55 0.09 -0.41	11.26 0.11 -0.41	13.87 0.17 -0.37	20.87 0.34 -0.41	25.46 0.47 -0.29	18.48 0.18 -0.40	15.44 0.08 -0.20	15.34 0.03 -0.13	13.89 -0.04 -0.17	12.17 -0.11 -0.23	12.41 -0.15 -0.23	11.88 -0.19 -0.25	11.75 -0.19 -0.28	12.52 -0.17 -0.35	15.36 -0.03 -0.42	20.90 0.12 -0.36	20.88 0.26 -0.60	23.13 0.40 -0.48	15.93 0.09 -0.17	11.54 0.09 -0.54	8.44 0.07 -0.65
BEEBEE_GT_13 23619	11.65 -0.03 -1.59	11.62 -0.03 -1.39	11.37 -0.05 -1.31	11.19 -0.06 -1.20	11.91 -0.03 -1.20	14.31 -0.09 -1.08	21.12 -0.20 -1.20	25.19 -0.37 -0.86	18.66 -0.41 -1.18	15.42 -0.33 -0.59	15.26 -0.29 -0.37	14.05 -0.22 -0.50	12.58 -0.14 -0.67	12.86 -0.15 -0.69	12.45 -0.09 -0.73	12.38 -0.09 -0.81	13.27 -0.09 -1.01	15.91 -0.30 -1.24	21.08 -0.39 -1.05	21.34 -0.44 -1.77	23.43 -0.53 -1.71	16.95 -0.13 -1.41	12.38 -0.12 -1.59	9.63 0.02 -1.90
BENSHRST_27_KV_BENSHRST_1 355998	22.79 0.71 -11.99	21.40 0.66 -10.49	20.60 0.62 -9.87	19.71 0.62 -9.04	20.45 0.64 -9.06	22.25 0.75 -8.17	30.43 1.23 -9.09	32.67 1.48 -6.49	28.18 1.41 -8.87	20.81 1.20 -4.45	19.20 1.23 -2.79	18.70 1.14 -3.79	18.17 1.04 -5.08	18.59 1.08 -5.19	18.40 1.06 -5.52	18.81 1.05 -6.10	21.01 1.02 -7.64	25.59 1.29 -9.34	30.03 1.70 -7.91	34.85 1.48 -13.36	36.92 1.60 -13.07	27.69 0.97 -11.05	23.67 0.74 -12.03	22.57 0.56 -14.29
BETHLEHEM___GRP 23843	24.97 0.41 -14.46	23.34 0.44 -12.65	22.45 0.43 -11.90	21.38 0.43 -10.90	22.13 0.46 -10.92	23.75 0.57 -9.86	31.91 0.84 -10.95	33.54 1.01 -7.83	29.33 0.73 -10.70	21.13 0.61 -5.36	19.17 0.62 -3.36	18.90 0.56 -4.57	18.67 0.49 -6.13	19.08 0.51 -6.25	18.96 0.48 -6.66	19.51 0.49 -7.36	22.09 0.53 -9.21	26.81 0.60 -11.25	30.77 0.82 -9.53	36.95 0.84 -16.10	40.62 0.91 -17.46	34.66 0.67 -18.32	25.85 0.46 -14.49	25.26 0.31 -17.22
BETHLEHEM___GS1 323560	24.97 0.41 -14.46	23.34 0.44 -12.65	22.45 0.43 -11.90	21.38 0.43 -10.90	22.13 0.46 -10.92	23.75 0.57 -9.86	31.91 0.84 -10.96	33.51 0.99 -7.83	29.33 0.73 -10.70	21.14 0.61 -5.36	19.17 0.62 -3.36	18.90 0.56 -4.57	18.67 0.49 -6.13	19.08 0.51 -6.25	18.96 0.48 -6.66	19.51 0.49 -7.36	22.09 0.53 -9.21	26.82 0.60 -11.26	30.77 0.82 -9.53	36.96 0.84 -16.11	40.62 0.91 -17.46	34.66 0.67 -18.32	25.86 0.46 -14.50	25.27 0.31 -17.24
BETHLEHEM___GS2 323561	24.97 0.41 -14.46	23.34 0.44 -12.65	22.45 0.43 -11.90	21.38 0.43 -10.90	22.13 0.46 -10.92	23.75 0.57 -9.86	31.91 0.84 -10.96	33.51 0.99 -7.83	29.33 0.73 -10.70	21.14 0.61 -5.36	19.17 0.62 -3.36	18.90 0.56 -4.57	18.67 0.49 -6.13	19.08 0.51 -6.25	18.96 0.48 -6.66	19.51 0.49 -7.36	22.09 0.53 -9.21	26.82 0.60 -11.26	30.77 0.82 -9.53	36.96 0.84 -16.11	40.62 0.91 -17.46	34.66 0.67 -18.32	25.86 0.46 -14.50	25.27 0.31 -17.24
BETHLEHEM___GS3 323562	24.97 0.41 -14.46	23.34 0.44 -12.65	22.45 0.43 -11.90	21.38 0.43 -10.90	22.13 0.46 -10.92	23.75 0.57 -9.86	31.91 0.84 -10.96	33.51 0.99 -7.83	29.33 0.73 -10.70	21.14 0.61 -5.36	19.17 0.62 -3.36	18.90 0.56 -4.57	18.67 0.49 -6.13	19.08 0.51 -6.25	18.96 0.48 -6.66	19.51 0.49 -7.36	22.09 0.53 -9.21	26.82 0.60 -11.26	30.77 0.82 -9.53	36.96 0.84 -16.11	40.62 0.91 -17.46	34.66 0.67 -18.32	25.86 0.46 -14.50	25.27 0.31 -17.24
BETHLEHEM___STEEL 23779	12.13 -0.09 -2.13	12.05 -0.07 -1.86	11.76 -0.11 -1.75	11.52 -0.13 -1.60	12.23 -0.12 -1.61	14.56 -0.21 -1.45	21.31 -0.42 -1.62	24.94 -0.91 -1.16	18.73 -0.75 -1.58	15.37 -0.59 -0.79	15.13 -0.55 -0.50	14.04 -0.40 -0.68	12.65 -0.30 -0.91	12.97 -0.27 -0.93	12.64 -0.17 -0.99	12.64 -0.10 -1.08	13.58 -0.12 -1.36	16.16 -0.46 -1.66	21.13 -0.69 -1.40	21.50 -0.88 -2.37	23.44 -1.13 -2.32	17.16 -0.47 -1.96	12.65 -0.39 -2.14	10.17 -0.09 -2.54
BETHLHEM_115KV_TB1 79974	24.86 0.36 -14.41	23.23 0.37 -12.60	22.33 0.36 -11.86	21.28 0.37 -10.86	22.02 0.40 -10.88	23.62 0.48 -9.82	31.72 0.70 -10.90	33.35 0.86 -7.79	29.18 0.64 -10.65	21.05 0.55 -5.34	19.08 0.55 -3.35	18.81 0.50 -4.55	18.58 0.43 -6.10	18.99 0.44 -6.22	18.88 0.44 -6.63	19.42 0.44 -7.32	21.98 0.47 -9.17	26.79 0.58 -11.24	30.76 0.82 -9.53	36.93 0.82 -16.09	40.49 0.89 -17.35	34.35 0.66 -18.03	25.84 0.45 -14.49	25.24 0.30 -17.22
BETHPAGE_CC_5 323564	25.58 0.88 -14.61	23.02 0.87 -11.89	22.47 0.84 -11.52	22.48 0.83 -11.60	23.08 0.88 -11.45	29.40 1.08 -15.00	30.85 1.65 -9.09	32.92 1.73 -6.49	29.44 1.70 -9.84	23.21 1.46 -6.59	24.20 1.43 -7.59	22.79 1.31 -7.72	22.25 1.18 -9.02	22.45 1.22 -8.91	25.56 1.17 -12.57	26.33 1.17 -13.51	26.80 1.19 -13.27	29.19 1.39 -12.84	31.14 1.86 -8.86	36.42 1.72 -14.69	42.91 1.93 -18.72	31.55 1.25 -14.62	27.89 0.94 -16.05	25.54 0.68 -17.14
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	12.13 -0.12 -2.16	12.05 -0.10 -1.89	11.76 -0.13 -1.78	11.52 -0.16 -1.63	12.24 -0.14 -1.63	14.56 -0.24 -1.48	21.32 -0.44 -1.65	24.96 -0.91 -1.18	18.73 -0.77 -1.61	15.35 -0.62 -0.81	15.13 -0.56 -0.51	14.02 -0.43 -0.69	12.65 -0.33 -0.92	12.96 -0.30 -0.94	12.63 -0.19 -1.00	12.63 -0.13 -1.10	13.58 -0.15 -1.38	16.17 -0.48 -1.69	21.13 -0.71 -1.43	21.52 -0.90 -2.41	23.46 -1.16 -2.36	17.17 -0.50 -2.00	12.65 -0.43 -2.17	10.19 -0.12 -2.58
BINGHAMTON___COGEN 23790	13.98 0.12 -3.77	13.67 0.12 -3.30	13.33 0.11 -3.10	13.00 0.11 -2.84	13.72 0.13 -2.85	16.04 0.15 -2.57	23.21 0.24 -2.86	26.94 0.20 -2.04	20.77 0.09 -2.79	16.61 0.05 -1.40	16.12 0.06 -0.88	15.02 0.07 -1.19	13.72 0.07 -1.60	14.02 0.07 -1.63	13.66 0.11 -1.74	13.71 0.13 -1.92	14.88 0.14 -2.40	18.02 0.12 -2.93	23.09 0.18 -2.48	24.35 0.14 -4.20	26.58 0.13 -4.19	19.55 0.16 -3.72	14.76 0.08 -3.78	12.33 0.12 -4.49
BIXINCNT_115KV_LOAD 355685	12.30 -0.05 -2.26	12.21 -0.02 -1.97	11.91 -0.06 -1.86	11.67 -0.08 -1.70	12.40 -0.05 -1.71	14.74 -0.12 -1.54	21.65 -0.18 -1.72	25.31 -0.62 -1.23	19.00 -0.57 -1.68	15.52 -0.49 -0.84	15.27 -0.44 -0.53	14.15 -0.33 -0.72	12.77 -0.24 -0.96	13.10 -0.20 -0.98	12.75 -0.11 -1.04	12.75 -0.06 -1.15	13.71 -0.07 -1.44	16.37 -0.36 -1.76	21.38 -0.53 -1.49	21.81 -0.72 -2.52	23.72 -1.00 -2.47	17.22 -0.55 -2.10	12.63 -0.53 -2.26	10.20 -0.22 -2.69
BLACK RIVER___HYD 24047	10.97 0.13 -0.75	11.02 0.11 -0.65	10.84 0.11 -0.61	10.74 0.13 -0.56	11.46 0.15 -0.56	14.06 0.23 -0.51	21.12 0.44 -0.57	25.67 0.57 -0.40	18.66 0.22 -0.55	15.55 0.11 -0.28	15.45 0.09 -0.17	14.00 0.00 -0.24	12.30 -0.06 -0.32	12.54 -0.10 -0.32	12.03 -0.13 -0.34	11.93 -0.11 -0.38	12.71 -0.11 -0.48	15.62 0.08 -0.58	21.24 0.33 -0.49	21.34 0.50 -0.83	23.56 0.65 -0.66	16.12 0.22 -0.23	11.81 0.15 -0.75	8.73 0.12 -0.89

BLACKRVR_115KV_TB2 79977	10.97 0.13 -0.75	11.02 0.11 -0.65	10.84 0.11 -0.61	10.74 0.13 -0.56	11.46 0.15 -0.56	14.06 0.23 -0.51	21.12 0.44 -0.57	25.67 0.57 -0.40	18.66 0.21 -0.55	15.55 0.11 -0.28	15.45 0.09 -0.17	14.00 0.00 -0.24	12.30 -0.06 -0.32	12.54 -0.10 -0.32	12.03 -0.13 -0.34	11.93 -0.10 -0.38	12.71 -0.11 -0.48	15.62 0.07 -0.58	21.24 0.33 -0.49	21.32 0.48 -0.83	23.56 0.65 -0.66	16.12 0.22 -0.23	11.81 0.15 -0.75	8.73 0.12 -0.89
BLISS_WT_PWR 323608	12.30 -0.05 -2.26	12.21 -0.02 -1.97	11.92 -0.05 -1.86	11.67 -0.08 -1.70	12.41 -0.04 -1.71	14.76 -0.11 -1.54	21.66 -0.16 -1.71	25.30 -0.62 -1.22	18.99 -0.57 -1.67	15.53 -0.47 -0.84	15.27 -0.44 -0.53	14.15 -0.33 -0.72	12.77 -0.24 -0.96	13.10 -0.20 -0.98	12.75 -0.11 -1.04	12.76 -0.06 -1.15	13.72 -0.07 -1.44	16.37 -0.36 -1.76	21.39 -0.53 -1.49	21.80 -0.74 -2.52	23.70 -1.02 -2.47	17.17 -0.60 -2.10	12.58 -0.60 -2.27	10.14 -0.27 -2.69
BLUE_CIRC_CHEM_DRP 24182	24.73 0.42 -14.22	23.14 0.45 -12.43	22.26 0.45 -11.70	21.20 0.44 -10.71	21.95 0.47 -10.74	23.60 0.59 -9.69	31.74 0.86 -10.76	33.37 0.99 -7.69	29.10 0.70 -10.51	21.01 0.58 -5.27	19.06 0.58 -3.30	18.77 0.51 -4.49	18.51 0.45 -6.02	18.92 0.46 -6.14	18.80 0.44 -6.54	19.33 0.44 -7.23	21.88 0.48 -9.05	26.59 0.57 -11.06	30.59 0.80 -9.37	36.67 0.82 -15.84	39.84 0.91 -16.68	32.94 0.69 -16.58	25.62 0.46 -14.26	24.99 0.32 -16.94
BOC_GAS_DRP 24189	24.84 0.34 -14.41	23.21 0.36 -12.60	22.31 0.34 -11.86	21.25 0.34 -10.86	22.00 0.38 -10.88	23.60 0.45 -9.82	31.68 0.66 -10.90	33.28 0.79 -7.79	29.15 0.61 -10.65	21.02 0.52 -5.34	19.05 0.52 -3.35	18.80 0.48 -4.55	18.57 0.42 -6.10	18.97 0.43 -6.22	18.87 0.43 -6.63	19.40 0.42 -7.32	21.96 0.44 -9.17	26.68 0.51 -11.21	30.64 0.71 -9.50	36.75 0.68 -16.06	39.78 0.76 -16.77	32.61 0.55 -16.40	25.74 0.38 -14.45	25.16 0.26 -17.18
BOONVILLE_115KV_TB1 79983	10.75 0.18 -0.47	10.84 0.17 -0.41	10.68 0.17 -0.39	10.59 0.18 -0.36	11.31 0.20 -0.36	13.93 0.28 -0.32	20.97 0.50 -0.36	25.59 0.64 -0.26	18.62 0.38 -0.35	15.59 0.24 -0.18	15.51 0.21 -0.11	14.06 0.15 -0.15	12.36 0.11 -0.20	12.61 0.09 -0.20	12.11 0.07 -0.22	11.98 0.08 -0.24	12.76 0.11 -0.30	15.59 0.25 -0.37	21.18 0.45 -0.31	21.06 0.52 -0.53	23.31 0.65 -0.42	16.13 0.31 -0.15	11.59 0.21 -0.48	8.44 0.15 -0.56
BORALEX_4TH_BRANCH 23824	25.01 0.44 -14.47	23.39 0.47 -12.66	22.50 0.48 -11.91	21.42 0.46 -10.91	22.19 0.52 -10.93	23.87 0.68 -9.87	32.04 0.97 -10.97	33.69 1.16 -7.84	29.37 0.77 -10.71	21.17 0.64 -5.37	19.19 0.64 -3.37	18.94 0.59 -4.58	18.67 0.48 -6.14	19.08 0.49 -6.26	18.97 0.48 -6.67	19.51 0.48 -7.37	22.10 0.53 -9.23	26.92 0.67 -11.27	30.91 0.94 -9.55	37.18 1.04 -16.13	41.99 1.18 -18.56	38.02 0.85 -21.51	25.98 0.56 -14.52	25.35 0.37 -17.25
BOWLINE___1 23526	22.38 0.61 -11.69	21.07 0.59 -10.22	20.30 0.57 -9.62	19.42 0.56 -8.81	20.16 0.59 -8.83	22.00 0.71 -7.97	30.09 1.13 -8.86	32.41 1.38 -6.33	27.74 1.20 -8.65	20.53 1.03 -4.33	18.94 1.03 -2.72	18.41 0.95 -3.70	17.87 0.87 -4.95	18.27 0.90 -5.06	18.07 0.87 -5.38	18.47 0.86 -5.95	20.67 0.88 -7.45	25.10 1.03 -9.10	29.50 1.37 -7.71	34.23 1.20 -13.02	36.35 1.36 -12.74	27.34 0.89 -10.78	23.28 0.65 -11.72	22.12 0.46 -13.93
BOWLINE___2 23595	22.39 0.61 -11.69	21.07 0.59 -10.22	20.30 0.57 -9.62	19.42 0.56 -8.81	20.16 0.59 -8.83	22.00 0.71 -7.97	30.10 1.13 -8.86	32.41 1.38 -6.33	27.74 1.20 -8.65	20.53 1.03 -4.34	18.94 1.03 -2.72	18.41 0.95 -3.70	17.87 0.87 -4.95	18.27 0.90 -5.06	18.08 0.87 -5.38	18.47 0.86 -5.95	20.67 0.88 -7.45	25.10 1.03 -9.10	29.50 1.37 -7.71	34.23 1.20 -13.02	36.35 1.36 -12.74	27.34 0.89 -10.78	23.28 0.65 -11.72	22.13 0.47 -13.93
BRADY___115KV_TB2 356060	10.01 -0.08 0.00	10.17 -0.08 0.00	10.05 -0.06 0.00	10.00 -0.05 0.00	10.68 -0.06 0.00	13.31 -0.01 0.00	20.05 -0.06 0.00	24.72 0.02 0.00	17.82 -0.07 0.00	15.08 -0.09 0.00	15.08 -0.11 0.00	13.63 -0.14 0.00	11.82 -0.23 0.00	12.07 -0.25 0.00	11.47 -0.34 0.00	11.28 -0.38 0.00	11.96 -0.38 0.00	14.64 -0.33 0.00	20.05 -0.37 0.00	19.79 -0.22 0.00	22.07 -0.18 0.00	15.42 -0.25 0.00	10.81 -0.10 0.00	7.63 -0.09 0.00
BRANSCOMB___SOLAR 323811	25.49 0.49 -14.91	23.81 0.51 -13.04	22.88 0.50 -12.27	21.77 0.49 -11.23	22.55 0.55 -11.26	24.18 0.69 -10.16	32.51 1.11 -11.29	34.05 1.28 -8.07	29.75 0.82 -11.03	21.33 0.64 -5.53	19.29 0.64 -3.47	19.04 0.55 -4.72	18.87 0.49 -6.33	19.28 0.51 -6.45	19.16 0.47 -6.87	19.72 0.47 -7.59	22.40 0.54 -9.51	27.26 0.67 -11.62	31.20 0.94 -9.84	37.68 1.04 -16.63	43.70 1.25 -20.20	41.92 0.94 -25.31	26.46 0.59 -14.96	25.88 0.39 -17.77
BRENTWOD_69_KV_W. BRTWOOD 56703	25.63 0.93 -14.61	23.07 0.92 -11.89	22.53 0.90 -11.52	22.54 0.89 -11.60	23.13 0.93 -11.45	29.47 1.15 -15.00	30.95 1.75 -9.09	32.92 1.73 -6.49	29.51 1.77 -9.84	23.28 1.53 -6.59	24.22 1.44 -7.59	22.83 1.35 -7.72	22.27 1.20 -9.02	22.48 1.24 -8.91	25.57 1.18 -12.57	26.35 1.18 -13.51	26.81 1.20 -13.27	29.22 1.42 -12.84	31.20 1.92 -8.86	36.50 1.80 -14.69	43.02 2.05 -18.73	31.61 1.32 -14.63	27.95 0.99 -16.05	25.58 0.72 -17.14
BRISTLHL_115KV_TB1 79998	11.08 -0.17 -1.16	11.10 -0.16 -1.01	10.89 -0.17 -0.95	10.75 -0.17 -0.87	11.46 -0.16 -0.87	13.90 -0.21 -0.79	20.69 -0.30 -0.88	24.93 -0.40 -0.63	18.37 -0.38 -0.86	15.26 -0.33 -0.43	15.13 -0.32 -0.27	13.85 -0.28 -0.37	12.31 -0.23 -0.49	12.57 -0.25 -0.50	12.14 -0.21 -0.53	12.04 -0.21 -0.59	12.86 -0.22 -0.74	15.58 -0.28 -0.90	20.86 -0.33 -0.76	20.98 -0.32 -1.29	23.15 -0.33 -1.23	16.43 -0.20 -0.97	11.88 -0.19 -1.16	9.01 -0.09 -1.38
BROOKHAVEN___DRP 24191	25.65 0.95 -14.61	23.09 0.94 -11.89	22.55 0.92 -11.52	22.57 0.92 -11.60	23.15 0.96 -11.45	29.50 1.17 -15.00	31.01 1.81 -9.09	32.94 1.75 -6.49	29.54 1.81 -9.84	23.30 1.55 -6.59	24.23 1.46 -7.59	22.84 1.36 -7.72	22.28 1.22 -9.02	22.49 1.26 -8.91	25.57 1.18 -12.57	26.36 1.19 -13.51	26.84 1.22 -13.27	29.27 1.47 -12.84	31.26 1.98 -8.86	36.54 1.84 -14.69	43.07 2.09 -18.72	31.64 1.35 -14.62	27.97 1.01 -16.05	25.59 0.73 -17.14
BROOKLYN_NAVY_YARD 23515	22.72 0.64 -11.99	21.35 0.60 -10.49	20.55 0.57 -9.87	19.65 0.56 -9.04	20.38 0.58 -9.06	22.22 0.72 -8.17	30.35 1.15 -9.09	32.62 1.43 -6.49	28.11 1.34 -8.87	20.78 1.17 -4.45	19.13 1.15 -2.79	18.63 1.07 -3.79	18.11 0.98 -5.08	18.53 1.02 -5.19	18.33 0.99 -5.52	18.74 0.98 -6.10	20.95 0.96 -7.64	25.47 1.17 -9.34	29.84 1.51 -7.91	34.65 1.28 -13.36	36.75 1.43 -13.07	27.63 0.91 -11.05	23.62 0.69 -12.03	22.52 0.50 -14.29
BROOKLYN___ARMY_DRP 323595	22.76 0.68 -11.99	21.38 0.64 -10.49	20.58 0.60 -9.87	19.68 0.59 -9.04	20.42 0.61 -9.06	22.21 0.71 -8.17	30.35 1.15 -9.09	32.57 1.38 -6.49	28.11 1.34 -8.87	20.77 1.15 -4.45	19.16 1.18 -2.79	18.66 1.10 -3.79	18.13 1.00 -5.08	18.55 1.05 -5.19	18.36 1.02 -5.52	18.78 1.01 -6.10	20.96 0.98 -7.64	25.53 1.23 -9.34	29.94 1.61 -7.91	34.77 1.40 -13.36	36.83 1.51 -13.07	27.64 0.92 -11.05	23.63 0.70 -12.03	22.55 0.53 -14.29

BROOKVLE_69_KV_TB1 55790	25.53 0.83 -14.61	22.97 0.82 -11.89	22.42 0.79 -11.52	22.43 0.78 -11.60	23.01 0.82 -11.45	29.32 1.00 -15.00	30.75 1.55 -9.09	32.92 1.73 -6.49	29.34 1.61 -9.84	23.15 1.40 -6.59	24.14 1.37 -7.59	22.75 1.27 -7.72	22.20 1.13 -9.02	22.41 1.18 -8.91	25.55 1.16 -12.57	26.31 1.14 -13.51	26.77 1.16 -13.27	29.19 1.39 -12.83	31.12 1.84 -8.86	36.32 1.62 -14.69	42.78 1.80 -18.72	31.53 1.24 -14.62	27.85 0.89 -16.05	25.51 0.65 -17.14
BROOME_2_LFGE 323671	13.98 0.12 -3.77	13.67 0.12 -3.30	13.33 0.11 -3.10	13.00 0.11 -2.84	13.72 0.13 -2.85	16.04 0.15 -2.57	23.21 0.24 -2.85	26.93 0.20 -2.04	20.77 0.09 -2.79	16.61 0.05 -1.40	16.12 0.06 -0.88	15.03 0.07 -1.19	13.72 0.07 -1.60	14.02 0.07 -1.63	13.66 0.11 -1.74	13.71 0.13 -1.92	14.88 0.14 -2.40	18.02 0.12 -2.94	23.09 0.18 -2.49	24.35 0.14 -4.20	26.58 0.13 -4.19	19.55 0.16 -3.72	14.76 0.08 -3.78	12.33 0.12 -4.49
BROOME__LFGE 323600	13.98 0.12 -3.77	13.67 0.12 -3.30	13.33 0.11 -3.10	13.00 0.11 -2.84	13.72 0.13 -2.85	16.04 0.15 -2.57	23.21 0.24 -2.85	26.93 0.20 -2.04	20.77 0.09 -2.79	16.61 0.05 -1.40	16.12 0.06 -0.88	15.03 0.07 -1.19	13.72 0.07 -1.60	14.02 0.07 -1.63	13.66 0.11 -1.74	13.71 0.13 -1.92	14.88 0.14 -2.40	18.02 0.12 -2.94	23.09 0.18 -2.49	24.35 0.14 -4.20	26.58 0.13 -4.19	19.55 0.16 -3.72	14.76 0.08 -3.78	12.33 0.12 -4.49
BROWNFLS_115KV_TB_3_5 80003	10.44 -0.03 -0.38	10.55 -0.04 -0.34	10.40 -0.03 -0.32	10.32 -0.02 -0.29	11.02 -0.01 -0.29	13.63 0.04 -0.26	20.50 0.10 -0.29	25.10 0.20 -0.21	18.20 0.02 -0.28	15.25 -0.06 -0.14	15.18 -0.09 -0.09	13.75 -0.14 -0.12	11.96 -0.25 -0.16	12.19 -0.30 -0.17	11.60 -0.39 -0.18	11.46 -0.40 -0.20	12.19 -0.40 -0.24	14.95 -0.31 -0.30	20.37 -0.31 -0.25	20.28 -0.16 -0.43	22.52 -0.07 -0.34	15.60 -0.19 -0.12	11.25 -0.04 -0.38	8.15 -0.03 -0.46
BROWNSV1_27_KV_LOAD 356125	22.80 0.72 -11.99	21.43 0.69 -10.49	20.63 0.65 -9.87	19.74 0.65 -9.04	20.48 0.68 -9.06	22.32 0.83 -8.17	30.51 1.31 -9.09	32.82 1.63 -6.49	28.25 1.49 -8.87	20.90 1.29 -4.45	19.26 1.29 -2.79	18.75 1.20 -3.79	18.22 1.08 -5.08	18.64 1.13 -5.19	18.44 1.10 -5.52	18.85 1.08 -6.10	21.06 1.07 -7.64	25.61 1.30 -9.34	30.05 1.72 -7.91	34.89 1.52 -13.36	36.99 1.67 -13.07	27.77 1.05 -11.05	23.71 0.77 -12.03	22.59 0.57 -14.29
BURROWS__LYONSDAL 23803	10.75 0.17 -0.49	10.84 0.15 -0.43	10.67 0.15 -0.40	10.58 0.16 -0.37	11.31 0.19 -0.37	13.92 0.27 -0.33	20.94 0.46 -0.37	25.58 0.62 -0.26	18.60 0.34 -0.36	15.54 0.20 -0.18	15.48 0.18 -0.11	14.03 0.11 -0.15	12.32 0.06 -0.21	12.57 0.04 -0.21	12.05 0.01 -0.22	11.93 0.02 -0.25	12.70 0.05 -0.31	15.54 0.19 -0.38	21.13 0.39 -0.32	21.03 0.48 -0.54	23.28 0.60 -0.43	16.09 0.27 -0.15	11.58 0.19 -0.49	8.44 0.13 -0.58
CAITHNESS_CC_1 323624	25.62 0.92 -14.61	23.06 0.91 -11.89	22.53 0.90 -11.52	22.54 0.89 -11.60	23.13 0.93 -11.45	29.46 1.13 -15.00	30.93 1.73 -9.09	32.92 1.73 -6.49	29.49 1.75 -9.84	23.27 1.52 -6.59	24.20 1.43 -7.59	22.80 1.32 -7.72	22.26 1.19 -9.02	22.46 1.23 -8.91	25.55 1.16 -12.57	26.32 1.15 -13.51	26.80 1.19 -13.27	29.22 1.42 -12.84	31.20 1.92 -8.86	36.48 1.78 -14.69	42.98 2.00 -18.72	31.59 1.30 -14.62	27.93 0.98 -16.05	25.57 0.70 -17.14
CALPINE BETH_PAGE_GT4 24209	25.58 0.88 -14.61	23.02 0.87 -11.89	22.47 0.84 -11.52	22.48 0.83 -11.60	23.08 0.88 -11.45	29.40 1.08 -15.00	30.85 1.65 -9.09	32.92 1.73 -6.49	29.43 1.70 -9.84	23.21 1.46 -6.59	24.20 1.43 -7.59	22.79 1.31 -7.72	22.25 1.18 -9.02	22.45 1.22 -8.91	25.57 1.18 -12.57	26.33 1.17 -13.51	26.80 1.19 -13.27	29.19 1.39 -12.84	31.12 1.84 -8.86	36.40 1.70 -14.69	42.89 1.91 -18.73	31.53 1.24 -14.63	27.88 0.93 -16.05	25.54 0.67 -17.14
CALPINE_BETH_PAGE_GT_4 323586	25.58 0.88 -14.61	23.02 0.87 -11.89	22.47 0.84 -11.52	22.48 0.83 -11.60	23.08 0.88 -11.45	29.40 1.08 -15.00	30.85 1.65 -9.09	32.92 1.73 -6.49	29.44 1.70 -9.84	23.21 1.46 -6.59	24.20 1.43 -7.59	22.79 1.31 -7.72	22.25 1.18 -9.02	22.45 1.22 -8.91	25.57 1.18 -12.57	26.33 1.17 -13.51	26.80 1.19 -13.27	29.19 1.39 -12.84	31.12 1.84 -8.86	36.40 1.70 -14.69	42.89 1.91 -18.72	31.55 1.25 -14.62	27.88 0.93 -16.05	25.54 0.67 -17.14
CALPINE_BP_GT1 23823	25.58 0.88 -14.61	23.02 0.87 -11.89	22.47 0.84 -11.52	22.48 0.83 -11.60	23.08 0.88 -11.45	29.40 1.08 -15.00	30.85 1.65 -9.09	32.92 1.73 -6.49	29.44 1.70 -9.84	23.21 1.46 -6.59	24.20 1.43 -7.59	22.79 1.31 -7.72	22.25 1.18 -9.02	22.45 1.22 -8.91	25.57 1.18 -12.57	26.33 1.17 -13.51	26.80 1.19 -13.27	29.19 1.39 -12.84	31.12 1.84 -8.86	36.40 1.70 -14.69	42.89 1.91 -18.72	31.55 1.25 -14.62	27.88 0.93 -16.05	25.54 0.67 -17.14
CALSPAN__DRP 24200	12.13 -0.09 -2.13	12.05 -0.07 -1.86	11.76 -0.11 -1.75	11.52 -0.13 -1.60	12.23 -0.12 -1.61	14.56 -0.21 -1.45	21.31 -0.42 -1.62	24.94 -0.91 -1.16	18.73 -0.75 -1.58	15.37 -0.59 -0.79	15.13 -0.55 -0.50	14.04 -0.40 -0.68	12.65 -0.30 -0.91	12.97 -0.27 -0.93	12.64 -0.17 -0.99	12.64 -0.10 -1.08	13.58 -0.12 -1.36	16.16 -0.46 -1.66	21.13 -0.69 -1.40	21.50 -0.88 -2.37	23.44 -1.13 -2.32	17.16 -0.47 -1.96	12.65 -0.39 -2.14	10.17 -0.09 -2.54
CALVERTON__SOLAR 323806	25.68 0.98 -14.61	23.13 0.98 -11.89	22.59 0.96 -11.52	22.60 0.96 -11.60	23.20 1.00 -11.45	29.55 1.23 -15.00	31.07 1.87 -9.09	33.07 1.88 -6.49	29.60 1.86 -9.84	23.35 1.59 -6.59	24.28 1.50 -7.59	22.89 1.40 -7.72	22.32 1.25 -9.02	22.52 1.29 -8.91	25.61 1.22 -12.57	26.39 1.22 -13.51	26.87 1.26 -13.27	29.33 1.53 -12.84	31.34 2.06 -8.86	36.64 1.94 -14.69	43.18 2.20 -18.72	31.72 1.43 -14.62	28.01 1.06 -16.05	25.62 0.76 -17.14
CANDIGU_WT_PWR 323617	12.86 0.00 -2.77	12.69 0.01 -2.42	12.39 -0.01 -2.28	12.12 -0.02 -2.09	12.84 0.00 -2.09	15.16 -0.05 -1.89	22.11 -0.10 -2.10	25.80 -0.40 -1.50	19.57 -0.38 -2.05	15.88 -0.32 -1.03	15.54 -0.29 -0.65	14.43 -0.21 -0.88	13.08 -0.14 -1.18	13.40 -0.12 -1.20	13.05 -0.05 -1.28	13.06 -0.01 -1.41	14.09 -0.02 -1.77	16.92 -0.21 -2.16	21.95 -0.31 -1.83	22.66 -0.44 -3.09	24.70 -0.60 -3.05	18.02 -0.27 -2.62	13.41 -0.27 -2.78	10.96 -0.07 -3.30
CARR STREET_E_SYR 24060	11.23 -0.11 -1.25	11.25 -0.10 -1.10	11.03 -0.11 -1.03	10.88 -0.11 -0.94	11.58 -0.11 -0.95	14.05 -0.13 -0.85	20.88 -0.18 -0.95	25.13 -0.25 -0.68	18.57 -0.25 -0.93	15.40 -0.23 -0.46	15.26 -0.21 -0.29	13.97 -0.19 -0.40	12.44 -0.14 -0.53	12.70 -0.16 -0.54	12.26 -0.13 -0.58	12.18 -0.12 -0.64	13.02 -0.12 -0.80	15.78 -0.16 -0.98	21.04 -0.20 -0.83	21.21 -0.20 -1.40	23.36 -0.22 -1.34	16.61 -0.13 -1.07	12.04 -0.12 -1.26	9.18 -0.04 -1.49
CARTHAGE__PAPER 23857	10.85 0.09 -0.67	10.91 0.07 -0.58	10.74 0.07 -0.55	10.64 0.09 -0.50	11.36 0.11 -0.50	13.97 0.19 -0.45	21.00 0.38 -0.51	25.58 0.52 -0.36	18.57 0.18 -0.49	15.49 0.08 -0.25	15.38 0.05 -0.16	13.95 -0.03 -0.21	12.23 -0.10 -0.28	12.46 -0.15 -0.29	11.94 -0.19 -0.31	11.84 -0.16 -0.34	12.61 -0.16 -0.43	15.49 0.00 -0.52	21.07 0.20 -0.44	21.12 0.36 -0.74	23.35 0.51 -0.59	16.02 0.14 -0.21	11.68 0.11 -0.67	8.60 0.08 -0.80

CASSADAGA_WT_PWR 323784	12.51 0.17 -2.24	12.42 0.21 -1.96	12.12 0.16 -1.85	11.86 0.12 -1.69	12.60 0.16 -1.70	15.00 0.15 -1.53	22.12 0.30 -1.70	25.99 0.07 -1.22	19.48 -0.07 -1.66	15.97 -0.03 -0.83	15.74 0.03 -0.52	14.53 0.06 -0.71	13.09 0.08 -0.95	13.43 0.14 -0.97	13.07 0.21 -1.04	13.06 0.26 -1.15	14.04 0.26 -1.43	16.75 0.03 -1.75	21.93 0.02 -1.48	22.28 -0.24 -2.51	24.22 -0.49 -2.46	17.58 -0.17 -2.08	12.86 -0.31 -2.26	10.30 -0.10 -2.67
CE_DUNWOOD___DRP 24194	22.69 0.63 -11.97	21.34 0.62 -10.47	20.55 0.59 -9.85	19.65 0.58 -9.02	20.40 0.61 -9.04	22.22 0.73 -8.16	30.35 1.17 -9.07	32.61 1.43 -6.48	28.01 1.25 -8.86	20.70 1.09 -4.44	19.06 1.09 -2.79	18.56 1.00 -3.79	18.04 0.92 -5.08	18.45 0.95 -5.18	18.25 0.92 -5.51	18.66 0.91 -6.09	20.89 0.91 -7.63	25.37 1.08 -9.32	29.75 1.43 -7.90	34.65 1.30 -13.34	36.72 1.42 -13.05	27.62 0.92 -11.03	23.59 0.68 -12.01	22.48 0.49 -14.27
CE_MILLWOOD___DRP 24193	22.64 0.62 -11.94	21.30 0.61 -10.44	20.51 0.58 -9.82	19.62 0.57 -8.99	20.36 0.60 -9.02	22.18 0.72 -8.14	30.30 1.15 -9.04	32.54 1.38 -6.46	27.94 1.22 -8.83	20.66 1.06 -4.43	19.02 1.06 -2.78	18.52 0.98 -3.78	17.99 0.88 -5.06	18.39 0.91 -5.16	18.20 0.89 -5.50	18.62 0.89 -6.07	20.84 0.89 -7.61	25.31 1.05 -9.29	29.68 1.39 -7.87	34.57 1.26 -13.30	36.64 1.38 -13.01	27.58 0.91 -11.00	23.53 0.65 -11.97	22.43 0.48 -14.23
CE_NYC2_DRP 24202	22.73 0.65 -11.99	21.36 0.62 -10.49	20.57 0.59 -9.87	19.67 0.58 -9.04	20.40 0.60 -9.06	22.21 0.71 -8.17	30.35 1.15 -9.09	32.60 1.41 -6.49	28.11 1.34 -8.87	20.78 1.17 -4.45	19.17 1.20 -2.79	18.67 1.11 -3.79	18.14 1.01 -5.08	18.55 1.05 -5.19	18.37 1.03 -5.52	18.78 1.01 -6.10	20.97 0.99 -7.64	25.50 1.20 -9.34	29.88 1.55 -7.91	34.73 1.36 -13.36	36.79 1.47 -13.07	27.63 0.91 -11.05	23.62 0.69 -12.03	22.54 0.52 -14.29
CE_NYC_DRP 24195	22.75 0.67 -11.99	21.38 0.64 -10.49	20.59 0.61 -9.87	19.69 0.60 -9.04	20.43 0.62 -9.06	22.26 0.76 -8.17	30.39 1.19 -9.09	32.67 1.48 -6.49	28.13 1.36 -8.87	20.81 1.20 -4.45	19.19 1.21 -2.79	18.67 1.11 -3.79	18.14 1.01 -5.08	18.57 1.06 -5.19	18.37 1.03 -5.52	18.78 1.01 -6.10	20.99 1.00 -7.64	25.52 1.21 -9.34	29.90 1.57 -7.91	34.75 1.38 -13.36	36.83 1.51 -13.07	27.67 0.96 -11.05	23.65 0.72 -12.03	22.54 0.53 -14.29
CHAFFEE___LFGE 323603	12.15 -0.13 -2.20	12.06 -0.11 -1.92	11.78 -0.14 -1.81	11.53 -0.17 -1.65	12.25 -0.15 -1.66	14.57 -0.25 -1.50	21.33 -0.44 -1.66	24.95 -0.94 -1.19	18.73 -0.79 -1.62	15.34 -0.64 -0.81	15.12 -0.58 -0.51	14.01 -0.45 -0.70	12.65 -0.34 -0.93	12.97 -0.31 -0.95	12.63 -0.20 -1.02	12.63 -0.15 -1.12	13.58 -0.17 -1.41	16.19 -0.49 -1.72	21.14 -0.73 -1.45	21.55 -0.92 -2.46	23.48 -1.18 -2.40	17.15 -0.55 -2.04	12.66 -0.46 -2.21	10.20 -0.14 -2.62
CHATEAUG_35_KV_LOAD 355732	10.06 -0.03 0.00	10.26 0.00 0.00	10.14 0.03 0.00	10.08 0.03 0.00	10.74 0.00 0.00	13.39 0.07 0.00	20.21 0.10 0.00	24.99 0.30 0.00	18.06 0.16 0.00	15.27 0.11 0.00	15.26 0.08 0.00	13.80 0.04 0.00	12.04 -0.01 0.00	12.33 0.01 0.00	11.76 -0.06 0.00	11.57 -0.09 0.00	12.27 -0.07 0.00	14.97 0.00 0.00	20.48 0.06 0.00	20.23 0.22 0.00	22.50 0.24 0.00	15.73 0.06 0.00	10.97 0.07 0.00	7.71 -0.02 0.00
CHATEAUG_WT_PWR 323614	10.06 -0.03 0.00	10.26 0.00 0.00	10.14 0.03 0.00	10.08 0.03 0.00	10.75 0.01 0.00	13.39 0.07 0.00	20.21 0.10 0.00	24.99 0.30 0.00	18.06 0.16 0.00	15.27 0.11 0.00	15.28 0.09 0.00	13.82 0.06 0.00	12.05 0.00 0.00	12.34 0.02 0.00	11.77 -0.05 0.00	11.58 -0.08 0.00	12.28 -0.06 0.00	14.98 0.01 0.00	20.48 0.06 0.00	20.23 0.22 0.00	22.50 0.25 0.00	15.73 0.06 0.00	10.97 0.07 0.00	7.72 -0.01 0.00
CHAT_HIGH_FALL_HYD 323578	10.06 -0.03 0.00	10.26 0.00 0.00	10.14 0.03 0.00	10.08 0.03 0.00	10.74 0.00 0.00	13.39 0.07 0.00	20.21 0.10 0.00	24.99 0.30 0.00	18.06 0.16 0.00	15.27 0.11 0.00	15.26 0.08 0.00	13.80 0.04 0.00	12.04 -0.01 0.00	12.33 0.01 0.00	11.76 -0.06 0.00	11.57 -0.09 0.00	12.27 -0.07 0.00	14.97 0.00 0.00	20.48 0.06 0.00	20.23 0.22 0.00	22.50 0.25 0.00	15.73 0.06 0.00	10.97 0.07 0.00	7.71 -0.02 0.00
CHAUTAUQUA___LFGE 323629	12.38 0.07 -2.21	12.28 0.09 -1.94	12.00 0.06 -1.82	11.74 0.02 -1.67	12.47 0.05 -1.67	14.83 0.00 -1.51	21.79 0.00 -1.68	25.55 -0.35 -1.20	19.17 -0.36 -1.64	15.72 -0.27 -0.82	15.49 -0.21 -0.52	14.33 -0.14 -0.70	12.92 -0.07 -0.94	13.25 -0.02 -0.96	12.91 0.07 -1.02	12.91 0.12 -1.13	13.87 0.11 -1.41	16.53 -0.16 -1.73	21.64 -0.24 -1.46	22.00 -0.48 -2.47	23.96 -0.71 -2.42	17.47 -0.25 -2.05	12.85 -0.28 -2.23	10.32 -0.04 -2.64
CHERRYST_13_KV_LD 356241	22.77 0.69 -11.99	21.40 0.66 -10.49	20.61 0.63 -9.87	19.71 0.62 -9.04	20.45 0.64 -9.06	22.28 0.79 -8.17	30.45 1.25 -9.09	32.74 1.56 -6.49	28.20 1.43 -8.87	20.86 1.24 -4.45	19.23 1.26 -2.79	18.73 1.17 -3.79	18.19 1.06 -5.08	18.60 1.10 -5.19	18.40 1.06 -5.52	18.81 1.05 -6.10	21.04 1.05 -7.64	25.56 1.26 -9.34	29.96 1.63 -7.91	34.81 1.44 -13.36	36.88 1.56 -13.07	27.71 0.99 -11.05	23.67 0.74 -12.03	22.56 0.54 -14.29
CHESTROR_138KV_BK263 355645	21.79 0.56 -11.14	20.54 0.54 -9.74	19.81 0.53 -9.17	18.97 0.52 -8.40	19.70 0.54 -8.42	21.56 0.64 -7.59	29.58 1.03 -8.44	31.96 1.23 -6.03	27.21 1.07 -8.24	20.21 0.91 -4.13	18.69 0.91 -2.59	18.13 0.84 -3.52	17.53 0.76 -4.72	17.93 0.79 -4.82	17.71 0.76 -5.13	18.09 0.76 -5.67	20.22 0.78 -7.10	24.54 0.90 -8.67	28.97 1.20 -7.35	33.53 1.10 -12.41	35.60 1.20 -12.15	26.75 0.80 -10.28	22.67 0.59 -11.17	21.42 0.42 -13.28
CH_MIDHUDSON___DRP 24192	22.80 0.59 -12.13	21.44 0.57 -10.60	20.65 0.56 -9.98	19.74 0.55 -9.14	20.48 0.58 -9.16	22.27 0.68 -8.27	30.37 1.07 -9.19	32.57 1.31 -6.56	27.98 1.11 -8.97	20.62 0.96 -4.50	18.95 0.94 -2.82	18.47 0.87 -3.84	17.97 0.78 -5.14	18.38 0.81 -5.24	18.19 0.79 -5.58	18.62 0.79 -6.17	20.87 0.80 -7.73	25.34 0.93 -9.44	29.66 1.25 -8.00	34.68 1.16 -13.51	36.74 1.25 -13.24	27.77 0.85 -11.25	23.69 0.62 -12.16	22.61 0.43 -14.45
CH_MISC_IPPS 23765	22.68 0.65 -11.94	21.33 0.64 -10.44	20.56 0.62 -9.83	19.66 0.61 -9.00	20.40 0.63 -9.02	22.20 0.73 -8.14	30.35 1.19 -9.05	32.62 1.46 -6.47	27.96 1.23 -8.84	20.63 1.03 -4.43	18.98 1.02 -2.78	18.48 0.94 -3.78	17.95 0.84 -5.06	18.36 0.87 -5.16	18.16 0.84 -5.50	18.59 0.85 -6.08	20.83 0.88 -7.61	25.27 1.00 -9.30	29.66 1.37 -7.87	34.53 1.22 -13.30	36.67 1.38 -13.04	27.67 0.92 -11.08	23.57 0.69 -11.97	22.43 0.47 -14.23
CH_RES_BVR_FALLS 23983	9.93 -0.16 0.00	10.10 -0.15 0.00	9.97 -0.14 0.00	9.91 -0.14 0.00	10.59 -0.15 0.00	13.14 -0.19 0.00	19.83 -0.28 0.00	24.37 -0.32 0.00	17.66 -0.23 0.00	14.97 -0.20 0.00	14.99 -0.20 0.00	13.57 -0.19 0.00	11.87 -0.18 0.00	12.13 -0.18 0.00	11.62 -0.20 0.00	11.46 -0.20 0.00	12.13 -0.21 0.00	14.73 -0.24 0.00	20.09 -0.33 0.00	19.73 -0.28 0.00	21.92 -0.33 0.00	15.34 -0.33 0.00	10.61 -0.29 0.00	7.45 -0.27 0.00

CH_RES_NIAGARA 23895	11.65 -0.41 -1.97	11.57 -0.41 -1.72	11.30 -0.43 -1.62	11.10 -0.43 -1.49	11.78 -0.45 -1.49	14.02 -0.65 -1.34	20.46 -1.15 -1.49	23.89 -1.88 -1.07	17.92 -1.43 -1.46	14.75 -1.15 -0.73	14.53 -1.11 -0.46	13.49 -0.89 -0.62	12.17 -0.71 -0.83	12.48 -0.69 -0.85	12.16 -0.56 -0.90	12.16 -0.50 -1.00	13.04 -0.56 -1.25	15.47 -1.02 -1.53	20.23 -1.49 -1.29	20.58 -1.62 -2.18	22.43 -1.96 -2.13	16.48 -0.99 -1.80	12.18 -0.69 -1.97	9.77 -0.29 -2.34
CH_RES_SYRACUSE 23985	11.41 -0.06 -1.38	11.41 -0.05 -1.21	11.19 -0.06 -1.14	11.02 -0.07 -1.04	11.74 -0.05 -1.04	14.20 -0.07 -0.94	21.08 -0.08 -1.05	25.35 -0.10 -0.75	18.76 -0.16 -1.02	15.51 -0.17 -0.51	15.37 -0.14 -0.32	14.08 -0.12 -0.44	12.54 -0.10 -0.59	12.81 -0.11 -0.60	12.37 -0.08 -0.64	12.29 -0.07 -0.70	13.15 -0.07 -0.88	15.94 -0.10 -1.08	21.23 -0.10 -0.91	21.45 -0.10 -1.54	23.65 -0.09 -1.48	16.84 -0.03 -1.20	12.23 -0.07 -1.39	9.37 0.00 -1.65
CLINTON_WT_PWR 323605	10.06 -0.03 0.00	10.26 0.00 0.00	10.14 0.03 0.00	10.08 0.03 0.00	10.75 0.01 0.00	13.39 0.07 0.00	20.21 0.10 0.00	24.99 0.30 0.00	18.06 0.16 0.00	15.27 0.11 0.00	15.28 0.09 0.00	13.82 0.06 0.00	12.05 0.00 0.00	12.34 0.02 0.00	11.77 -0.05 0.00	11.58 -0.08 0.00	12.28 -0.06 0.00	14.98 0.01 0.00	20.48 0.06 0.00	20.23 0.22 0.00	22.50 0.25 0.00	15.73 0.06 0.00	10.97 0.07 0.00	7.72 -0.01 0.00
CLINTON___LFGE 323618	10.18 0.09 0.00	10.38 0.12 0.00	10.27 0.15 0.00	10.20 0.15 0.00	10.88 0.14 0.00	13.59 0.27 0.00	20.54 0.42 0.00	25.39 0.69 0.00	18.34 0.45 0.00	15.49 0.32 0.00	15.46 0.27 0.00	13.98 0.22 0.00	12.18 0.13 0.00	12.49 0.17 0.00	11.90 0.08 0.00	11.68 0.02 0.00	12.41 0.06 0.00	15.16 0.19 0.00	20.77 0.35 0.00	20.53 0.52 0.00	22.83 0.58 0.00	15.93 0.27 0.00	11.11 0.21 0.00	7.80 0.08 0.00
COBBLENY_34_KV_TB1 80064	12.16 -0.13 -2.20	12.06 -0.11 -1.92	11.78 -0.14 -1.81	11.53 -0.17 -1.65	12.25 -0.15 -1.66	14.57 -0.25 -1.50	21.34 -0.44 -1.67	24.95 -0.94 -1.19	18.74 -0.79 -1.63	15.35 -0.64 -0.82	15.12 -0.58 -0.51	14.01 -0.45 -0.70	12.65 -0.34 -0.93	12.96 -0.31 -0.95	12.63 -0.20 -1.02	12.63 -0.15 -1.12	13.57 -0.17 -1.40	16.18 -0.49 -1.71	21.13 -0.74 -1.45	21.54 -0.92 -2.45	23.47 -1.18 -2.40	17.15 -0.55 -2.03	12.65 -0.46 -2.20	10.20 -0.14 -2.62
COFFEEN__115KV_TB3 355620	11.03 0.18 -0.76	11.07 0.15 -0.66	10.89 0.15 -0.63	10.80 0.18 -0.57	11.52 0.20 -0.57	14.15 0.31 -0.52	21.25 0.56 -0.58	25.82 0.72 -0.41	18.74 0.29 -0.56	15.63 0.18 -0.28	15.51 0.15 -0.18	14.06 0.06 -0.24	12.36 -0.01 -0.32	12.59 -0.06 -0.33	12.08 -0.08 -0.35	11.99 -0.06 -0.39	12.77 -0.06 -0.48	15.72 0.16 -0.59	21.39 0.47 -0.50	21.50 0.64 -0.85	23.77 0.85 -0.67	16.24 0.33 -0.24	11.88 0.22 -0.76	8.78 0.15 -0.91
COLDSPRG_115KV_BK1 355956	12.58 0.19 -2.29	12.49 0.23 -2.01	12.19 0.19 -1.89	11.93 0.15 -1.73	12.68 0.20 -1.73	15.11 0.23 -1.56	22.28 0.42 -1.74	26.14 0.20 -1.25	19.60 0.00 -1.70	16.02 0.00 -0.85	15.76 0.05 -0.54	14.56 0.07 -0.73	13.12 0.10 -0.98	13.46 0.15 -1.00	13.10 0.22 -1.06	13.10 0.27 -1.17	14.08 0.27 -1.46	16.83 0.07 -1.79	22.04 0.10 -1.51	22.43 -0.14 -2.56	24.42 -0.33 -2.51	17.75 -0.05 -2.13	13.03 -0.17 -2.30	10.49 0.03 -2.73
COLONIE_LFGE__ 323577	25.20 0.41 -14.69	23.55 0.44 -12.85	22.63 0.42 -12.09	21.54 0.42 -11.07	22.31 0.47 -11.10	23.94 0.60 -10.01	32.13 0.88 -11.13	33.71 1.06 -7.95	29.48 0.72 -10.87	21.21 0.59 -5.45	19.19 0.59 -3.42	18.95 0.54 -4.65	18.75 0.47 -6.23	19.15 0.47 -6.36	19.05 0.46 -6.77	19.60 0.45 -7.48	22.22 0.51 -9.37	27.03 0.61 -11.45	30.97 0.86 -9.69	37.29 0.90 -16.38	42.60 1.02 -19.32	39.65 0.75 -23.23	26.14 0.49 -14.74	25.56 0.32 -17.51
COOPERNY_115KV_TB1 80082	18.53 0.36 -8.08	17.68 0.36 -7.06	17.10 0.34 -6.65	16.48 0.34 -6.09	17.20 0.35 -6.10	19.26 0.43 -5.50	26.92 0.68 -6.12	29.88 0.81 -4.37	24.57 0.70 -5.98	18.75 0.59 -2.99	17.64 0.58 -1.88	16.85 0.54 -2.55	15.95 0.48 -3.42	16.30 0.49 -3.49	16.02 0.48 -3.72	16.26 0.49 -4.11	17.98 0.49 -5.15	21.85 0.60 -6.29	26.54 0.80 -5.33	29.73 0.72 -9.00	31.85 0.78 -8.82	23.71 0.53 -7.51	19.38 0.38 -8.10	17.63 0.28 -9.63
COPENHAGEN_WT_PWR 323753	10.98 0.10 -0.78	11.02 0.08 -0.69	10.84 0.08 -0.65	10.73 0.09 -0.59	11.46 0.12 -0.59	14.05 0.19 -0.54	21.07 0.36 -0.59	25.59 0.47 -0.43	18.62 0.14 -0.58	15.52 0.06 -0.29	15.41 0.05 -0.18	13.98 -0.03 -0.25	12.30 -0.08 -0.33	12.54 -0.12 -0.34	12.04 -0.14 -0.36	11.94 -0.12 -0.40	12.72 -0.12 -0.50	15.61 0.03 -0.61	21.19 0.25 -0.52	21.29 0.40 -0.87	23.48 0.53 -0.69	16.09 0.17 -0.25	11.81 0.12 -0.79	8.75 0.09 -0.94
CORNELL____ 23752	12.99 0.21 -2.69	12.82 0.22 -2.35	12.54 0.21 -2.21	12.27 0.20 -2.02	13.02 0.25 -2.03	15.46 0.31 -1.83	22.65 0.50 -2.04	26.74 0.59 -1.45	20.17 0.29 -1.99	16.33 0.17 -1.00	15.98 0.17 -0.62	14.75 0.14 -0.85	13.31 0.12 -1.14	13.59 0.11 -1.16	13.18 0.13 -1.24	13.18 0.15 -1.37	14.25 0.20 -1.71	17.33 0.27 -2.09	22.66 0.47 -1.77	23.50 0.50 -2.99	25.82 0.60 -2.97	18.68 0.41 -2.60	13.83 0.23 -2.69	11.13 0.21 -3.20
CORONAAY_69_KV_TB1 355595	25.57 0.87 -14.61	23.00 0.85 -11.89	22.45 0.82 -11.52	22.46 0.81 -11.60	23.06 0.86 -11.45	29.36 1.04 -15.00	30.79 1.59 -9.09	32.87 1.68 -6.49	29.38 1.65 -9.84	23.18 1.43 -6.59	24.20 1.43 -7.59	22.79 1.31 -7.72	22.25 1.18 -9.02	22.45 1.22 -8.91	25.56 1.17 -12.57	26.32 1.15 -13.51	26.77 1.16 -13.27	29.18 1.38 -12.83	31.10 1.82 -8.86	36.38 1.68 -14.69	42.87 1.89 -18.72	31.51 1.22 -14.62	27.87 0.92 -16.05	25.54 0.67 -17.14
CORTLAND_115KV_TB3 80093	12.43 0.12 -2.22	12.32 0.12 -1.94	12.06 0.12 -1.83	11.83 0.11 -1.67	12.56 0.14 -1.68	15.01 0.17 -1.51	22.10 0.30 -1.68	26.22 0.32 -1.20	19.68 0.14 -1.64	16.07 0.08 -0.82	15.78 0.08 -0.52	14.54 0.07 -0.70	13.06 0.07 -0.94	13.34 0.06 -0.96	12.92 0.08 -1.02	12.90 0.10 -1.13	13.88 0.12 -1.42	16.85 0.15 -1.73	22.15 0.27 -1.47	22.77 0.28 -2.48	24.99 0.31 -2.43	17.97 0.24 -2.07	13.25 0.12 -2.23	10.50 0.12 -2.65
COXSACKIE___GT 23611	24.37 0.63 -13.66	22.84 0.65 -11.94	21.99 0.64 -11.24	20.98 0.64 -10.29	21.74 0.68 -10.31	23.40 0.77 -9.31	31.81 1.35 -10.35	33.67 1.58 -7.39	29.07 1.07 -10.10	20.93 0.70 -5.06	19.01 0.65 -3.17	18.63 0.55 -4.32	18.32 0.48 -5.79	18.69 0.47 -5.90	18.54 0.44 -6.29	19.08 0.48 -6.94	21.65 0.60 -8.70	26.27 0.67 -10.63	30.54 1.12 -9.00	36.40 1.18 -15.20	39.55 1.33 -15.96	32.45 1.02 -15.76	25.30 0.71 -13.68	24.39 0.39 -16.28
CPV_VALLEY___CC1 323721	21.89 0.55 -11.25	20.65 0.55 -9.84	19.90 0.53 -9.26	19.05 0.52 -8.48	19.79 0.55 -8.50	21.64 0.65 -7.67	29.66 1.03 -8.52	32.04 1.26 -6.09	27.31 1.09 -8.32	20.28 0.94 -4.17	18.74 0.94 -2.62	18.19 0.87 -3.56	17.60 0.78 -4.77	18.00 0.81 -4.86	17.79 0.79 -5.18	18.16 0.78 -5.72	20.30 0.79 -7.17	24.65 0.93 -8.76	29.08 1.25 -7.42	33.64 1.10 -12.53	35.74 1.22 -12.26	26.86 0.81 -10.38	22.78 0.60 -11.28	21.55 0.42 -13.41

CPV_VALLEY___CC2 323722	21.89 0.55 -11.25	20.65 0.55 -9.84	19.90 0.53 -9.26	19.05 0.52 -8.48	19.79 0.55 -8.50	21.64 0.65 -7.67	29.66 1.03 -8.52	32.04 1.26 -6.09	27.31 1.09 -8.32	20.28 0.94 -4.17	18.74 0.94 -2.62	18.19 0.87 -3.56	17.60 0.78 -4.77	18.00 0.81 -4.86	17.79 0.79 -5.18	18.16 0.78 -5.72	20.30 0.79 -7.17	24.65 0.93 -8.76	29.08 1.25 -7.42	33.64 1.10 -12.53	35.74 1.22 -12.26	26.86 0.81 -10.38	22.78 0.60 -11.28	21.55 0.42 -13.41
CRESCENT___HYD 24018	25.20 0.41 -14.69	23.55 0.44 -12.85	22.63 0.42 -12.09	21.54 0.42 -11.07	22.31 0.47 -11.10	23.94 0.60 -10.01	32.13 0.88 -11.13	33.71 1.06 -7.95	29.48 0.72 -10.87	21.21 0.59 -5.45	19.19 0.59 -3.42	18.95 0.54 -4.65	18.75 0.47 -6.23	19.15 0.47 -6.36	19.05 0.46 -6.77	19.60 0.45 -7.48	22.22 0.51 -9.37	27.03 0.61 -11.45	30.97 0.86 -9.69	37.29 0.90 -16.38	42.60 1.02 -19.32	39.65 0.75 -23.23	26.14 0.49 -14.74	25.56 0.32 -17.51
CRICKET___VALLEY_CC1 323756	23.11 0.47 -12.54	21.70 0.48 -10.97	20.91 0.48 -10.32	19.97 0.47 -9.45	20.72 0.51 -9.47	22.46 0.59 -8.55	30.48 0.86 -9.50	32.55 1.06 -6.79	28.07 0.89 -9.28	20.62 0.80 -4.65	18.90 0.80 -2.92	18.49 0.76 -3.97	18.03 0.66 -5.32	18.43 0.69 -5.42	18.27 0.67 -5.78	18.71 0.66 -6.38	21.00 0.67 -7.99	25.48 0.75 -9.76	29.67 0.98 -8.27	34.90 0.92 -13.97	36.99 1.02 -13.72	28.06 0.69 -11.70	23.98 0.50 -12.57	23.03 0.36 -14.95
CRICKET___VALLEY_CC2 323757	23.11 0.47 -12.54	21.70 0.48 -10.97	20.91 0.48 -10.32	19.97 0.47 -9.45	20.72 0.51 -9.47	22.46 0.59 -8.55	30.48 0.86 -9.50	32.55 1.06 -6.79	28.07 0.89 -9.28	20.62 0.80 -4.65	18.90 0.80 -2.92	18.49 0.76 -3.97	18.03 0.66 -5.32	18.43 0.69 -5.42	18.27 0.67 -5.78	18.71 0.66 -6.38	21.00 0.67 -7.99	25.48 0.75 -9.76	29.67 0.98 -8.27	34.90 0.92 -13.97	36.99 1.02 -13.72	28.06 0.69 -11.70	23.98 0.50 -12.57	23.03 0.36 -14.95
CRICKET___VALLEY_CC3 323758	23.11 0.47 -12.54	21.70 0.48 -10.97	20.91 0.48 -10.32	19.97 0.47 -9.45	20.72 0.51 -9.47	22.46 0.59 -8.55	30.48 0.86 -9.50	32.55 1.06 -6.79	28.07 0.89 -9.28	20.62 0.80 -4.65	18.90 0.80 -2.92	18.49 0.76 -3.97	18.03 0.66 -5.32	18.43 0.69 -5.42	18.27 0.67 -5.78	18.71 0.66 -6.38	21.00 0.67 -7.99	25.48 0.75 -9.76	29.67 0.98 -8.27	34.90 0.92 -13.97	36.99 1.02 -13.72	28.06 0.69 -11.70	23.98 0.50 -12.57	23.03 0.36 -14.95
CRUCIBLE_METL_DRP 24180	11.41 -0.06 -1.38	11.41 -0.05 -1.21	11.19 -0.06 -1.14	11.02 -0.07 -1.04	11.74 -0.05 -1.04	14.20 -0.07 -0.94	21.08 -0.08 -1.05	25.35 -0.10 -0.75	18.76 -0.16 -1.02	15.51 -0.17 -0.51	15.37 -0.14 -0.32	14.08 -0.12 -0.44	12.54 -0.10 -0.59	12.81 -0.11 -0.60	12.37 -0.08 -0.64	12.29 -0.07 -0.70	13.15 -0.07 -0.88	15.94 -0.10 -1.08	21.23 -0.10 -0.91	21.45 -0.10 -1.54	23.65 -0.09 -1.48	16.84 -0.03 -1.20	12.23 -0.07 -1.39	9.37 0.00 -1.65
DAHOWA___HYDRO 323763	25.55 0.51 -14.95	23.85 0.52 -13.07	22.92 0.51 -12.30	21.82 0.51 -11.26	22.60 0.57 -11.29	24.24 0.73 -10.19	32.60 1.17 -11.32	34.17 1.38 -8.09	29.83 0.88 -11.06	21.39 0.68 -5.54	19.33 0.67 -3.48	19.07 0.58 -4.73	18.91 0.52 -6.34	19.31 0.52 -6.47	19.19 0.48 -6.89	19.76 0.49 -7.61	22.45 0.57 -9.54	27.32 0.70 -11.65	31.29 1.00 -9.87	37.80 1.12 -16.67	43.93 1.33 -20.34	42.27 0.99 -25.62	26.53 0.62 -15.00	25.94 0.40 -17.81
DANC___LFGE 323619	10.99 -0.02 -0.92	11.03 -0.03 -0.81	10.84 -0.03 -0.76	10.72 -0.02 -0.69	11.43 -0.01 -0.70	13.97 0.01 -0.63	20.89 0.08 -0.70	25.29 0.10 -0.50	18.50 -0.07 -0.68	15.40 -0.11 -0.34	15.28 -0.12 -0.21	13.90 -0.15 -0.29	12.28 -0.16 -0.39	12.53 -0.18 -0.40	12.05 -0.19 -0.42	11.95 -0.17 -0.47	12.76 -0.17 -0.59	15.56 -0.12 -0.72	20.99 -0.04 -0.61	21.12 0.08 -1.03	23.22 0.16 -0.81	15.94 -0.02 -0.29	11.82 -0.01 -0.92	8.83 0.01 -1.10
DANSKAMMER___1 23586	22.68 0.65 -11.94	21.33 0.64 -10.44	20.56 0.62 -9.83	19.66 0.61 -9.00	20.40 0.63 -9.02	22.20 0.73 -8.14	30.35 1.19 -9.05	32.62 1.46 -6.47	27.96 1.23 -8.84	20.63 1.03 -4.43	18.98 1.02 -2.78	18.48 0.94 -3.78	17.95 0.84 -5.06	18.36 0.87 -5.16	18.16 0.84 -5.50	18.59 0.85 -6.08	20.83 0.88 -7.61	25.27 1.00 -9.30	29.66 1.37 -7.87	34.53 1.22 -13.30	36.67 1.38 -13.04	27.67 0.92 -11.08	23.57 0.69 -11.97	22.43 0.47 -14.23
DANSKAMMER___2 23589	22.68 0.65 -11.94	21.33 0.64 -10.44	20.56 0.62 -9.83	19.66 0.61 -9.00	20.40 0.63 -9.02	22.20 0.73 -8.14	30.35 1.19 -9.05	32.62 1.46 -6.47	27.96 1.23 -8.84	20.63 1.03 -4.43	18.98 1.02 -2.78	18.48 0.94 -3.78	17.95 0.84 -5.06	18.36 0.87 -5.16	18.16 0.84 -5.50	18.59 0.85 -6.08	20.83 0.88 -7.61	25.27 1.00 -9.30	29.66 1.37 -7.87	34.53 1.22 -13.30	36.67 1.38 -13.04	27.67 0.92 -11.08	23.57 0.69 -11.97	22.43 0.47 -14.23
DANSKAMMER___3 23590	22.68 0.65 -11.94	21.33 0.64 -10.44	20.56 0.62 -9.83	19.66 0.61 -9.00	20.40 0.63 -9.02	22.20 0.73 -8.14	30.35 1.19 -9.05	32.62 1.46 -6.47	27.96 1.23 -8.84	20.63 1.03 -4.43	18.98 1.02 -2.78	18.48 0.94 -3.78	17.95 0.84 -5.06	18.36 0.87 -5.16	18.16 0.84 -5.50	18.59 0.85 -6.08	20.83 0.88 -7.61	25.27 1.00 -9.30	29.66 1.37 -7.87	34.53 1.22 -13.30	36.67 1.38 -13.04	27.67 0.92 -11.08	23.57 0.69 -11.97	22.43 0.47 -14.23
DANSKAMMER___4 23591	22.68 0.65 -11.94	21.33 0.64 -10.44	20.56 0.62 -9.83	19.66 0.61 -9.00	20.40 0.63 -9.02	22.20 0.73 -8.14	30.35 1.19 -9.05	32.62 1.46 -6.47	27.96 1.23 -8.84	20.63 1.03 -4.43	18.98 1.02 -2.78	18.48 0.94 -3.78	17.95 0.84 -5.06	18.36 0.87 -5.16	18.16 0.84 -5.50	18.59 0.85 -6.08	20.83 0.88 -7.61	25.27 1.00 -9.30	29.66 1.37 -7.87	34.53 1.22 -13.30	36.67 1.38 -13.04	27.67 0.92 -11.08	23.57 0.69 -11.97	22.43 0.47 -14.23
DANSKAMMER___DIESEL 23592	22.68 0.65 -11.94	21.33 0.64 -10.44	20.56 0.62 -9.83	19.66 0.61 -9.00	20.40 0.63 -9.02	22.20 0.73 -8.14	30.35 1.19 -9.05	32.59 1.43 -6.46	27.96 1.23 -8.83	20.63 1.03 -4.43	18.98 1.02 -2.78	18.48 0.94 -3.78	17.95 0.84 -5.06	18.36 0.87 -5.16	18.16 0.84 -5.50	18.59 0.85 -6.08	20.83 0.88 -7.61	25.27 1.00 -9.30	29.66 1.37 -7.87	34.58 1.26 -13.30	36.67 1.38 -13.04	27.68 0.92 -11.08	23.57 0.69 -11.97	22.43 0.47 -14.23
DARBY___SOLAR 323810	25.50 0.50 -14.91	23.81 0.51 -13.04	22.88 0.50 -12.27	21.78 0.49 -11.23	22.55 0.55 -11.26	24.19 0.71 -10.16	32.55 1.13 -11.31	34.11 1.33 -8.08	29.82 0.88 -11.04	21.38 0.68 -5.54	19.32 0.67 -3.47	19.06 0.58 -4.72	18.89 0.52 -6.33	19.30 0.53 -6.46	19.19 0.50 -6.87	19.75 0.49 -7.60	22.42 0.57 -9.51	27.29 0.70 -11.62	31.23 0.98 -9.83	37.72 1.10 -16.61	43.71 1.27 -20.20	41.93 0.94 -25.32	26.44 0.59 -14.95	25.88 0.39 -17.77
DASHVILLE___HYD 23610	22.59 0.50 -12.00	21.23 0.48 -10.49	20.45 0.47 -9.87	19.55 0.46 -9.04	20.27 0.46 -9.06	22.01 0.51 -8.18	30.07 0.86 -9.09	32.25 1.06 -6.49	27.81 1.04 -8.88	20.50 0.88 -4.45	18.84 0.87 -2.79	18.37 0.81 -3.79	17.87 0.73 -5.09	18.28 0.78 -5.19	18.10 0.76 -5.53	18.52 0.76 -6.10	20.74 0.75 -7.64	25.16 0.85 -9.34	29.48 1.14 -7.91	34.36 0.98 -13.37	36.70 1.07 -13.38	28.29 0.67 -11.95	23.47 0.53 -12.03	22.39 0.36 -14.30

DEERFIELD_69_KV_DEERFIELD LD 355887	25.85 1.15 -14.61	23.30 1.15 -11.89	22.76 1.13 -11.52	22.77 1.13 -11.60	23.38 1.18 -11.45	29.78 1.45 -15.00	31.43 2.23 -9.09	33.49 2.30 -6.49	29.88 2.15 -9.84	23.59 1.84 -6.59	24.52 1.75 -7.59	23.09 1.61 -7.72	22.50 1.43 -9.02	22.70 1.47 -8.91	25.80 1.41 -12.57	26.57 1.40 -13.51	27.07 1.46 -13.27	29.60 1.80 -12.84	31.73 2.45 -8.86	37.02 2.32 -14.69	43.62 2.65 -18.72	32.02 1.72 -14.62	28.22 1.26 -16.05	25.76 0.90 -17.14
DELAWARE___LFGE 323621	15.11 0.30 -4.72	14.68 0.30 -4.13	14.29 0.29 -3.88	13.90 0.29 -3.56	14.63 0.32 -3.57	16.93 0.39 -3.22	24.34 0.64 -3.58	28.02 0.77 -2.56	21.96 0.57 -3.49	17.37 0.46 -1.75	16.72 0.44 -1.10	15.66 0.40 -1.49	14.40 0.35 -2.00	14.72 0.36 -2.04	14.35 0.35 -2.18	14.42 0.36 -2.40	15.74 0.38 -3.01	19.12 0.48 -3.68	24.23 0.69 -3.11	25.89 0.62 -5.26	28.88 0.69 -5.94	22.81 0.47 -6.67	15.95 0.32 -4.73	13.59 0.24 -5.63
DERFIELD_115KV_TB7 355931	10.12 0.03 0.00	10.29 0.03 0.00	10.14 0.03 0.00	10.08 0.03 0.00	10.78 0.03 0.00	13.36 0.04 0.00	20.17 0.06 0.00	24.77 0.07 0.00	17.95 0.05 0.00	15.20 0.03 0.00	15.21 0.03 0.00	13.79 0.03 0.00	12.07 0.02 0.00	12.34 0.02 0.00	11.85 0.04 0.00	11.69 0.03 0.00	12.38 0.04 0.00	15.01 0.04 0.00	20.48 0.06 0.00	20.07 0.06 0.00	22.32 0.07 0.00	15.71 0.05 0.00	10.93 0.02 0.00	7.75 0.02 0.00
DOGLEVILLE___HYD 23807	10.28 0.19 0.00	10.45 0.19 0.00	10.32 0.20 0.00	10.25 0.20 0.00	10.97 0.23 0.00	13.62 0.29 0.00	20.58 0.46 0.00	25.26 0.57 0.00	18.27 0.38 0.00	15.45 0.29 0.00	15.46 0.27 0.00	14.01 0.25 0.00	12.27 0.22 0.00	12.52 0.20 0.00	12.02 0.20 0.00	11.87 0.21 0.00	12.58 0.23 0.00	15.27 0.30 0.00	20.87 0.45 0.00	20.47 0.46 0.00	22.76 0.51 0.00	16.01 0.34 0.00	11.11 0.21 0.00	7.86 0.14 0.00
DUNKIRK___115KV_TB_200 55889	12.35 0.05 -2.21	12.26 0.07 -1.93	11.97 0.04 -1.82	11.73 0.01 -1.67	12.46 0.04 -1.67	14.82 -0.01 -1.51	21.75 -0.04 -1.68	25.48 -0.42 -1.20	19.12 -0.41 -1.64	15.67 -0.32 -0.82	15.44 -0.26 -0.52	14.30 -0.17 -0.70	12.89 -0.10 -0.94	13.23 -0.05 -0.96	12.87 0.04 -1.02	12.88 0.09 -1.12	13.84 0.09 -1.41	16.49 -0.19 -1.72	21.57 -0.31 -1.46	21.95 -0.52 -2.46	23.91 -0.76 -2.41	17.46 -0.25 -2.05	12.84 -0.28 -2.22	10.33 -0.03 -2.63
DUNKIRK___1 23563	12.35 0.05 -2.21	12.26 0.07 -1.93	11.97 0.04 -1.82	11.73 0.01 -1.67	12.46 0.04 -1.67	14.82 -0.01 -1.51	21.75 -0.04 -1.68	25.48 -0.42 -1.20	19.12 -0.41 -1.64	15.67 -0.32 -0.82	15.44 -0.26 -0.52	14.30 -0.17 -0.70	12.89 -0.10 -0.94	13.23 -0.05 -0.96	12.87 0.04 -1.02	12.88 0.09 -1.12	13.84 0.09 -1.41	16.49 -0.19 -1.72	21.57 -0.31 -1.46	21.95 -0.52 -2.46	23.91 -0.76 -2.41	17.46 -0.25 -2.05	12.84 -0.28 -2.22	10.33 -0.03 -2.63
DUNKIRK___2 23564	12.35 0.05 -2.21	12.26 0.07 -1.93	11.97 0.04 -1.82	11.73 0.01 -1.67	12.46 0.04 -1.67	14.82 -0.01 -1.51	21.75 -0.04 -1.68	25.48 -0.42 -1.20	19.12 -0.41 -1.64	15.67 -0.32 -0.82	15.44 -0.26 -0.52	14.30 -0.17 -0.70	12.89 -0.10 -0.94	13.23 -0.05 -0.96	12.87 0.04 -1.02	12.88 0.09 -1.12	13.84 0.09 -1.41	16.49 -0.19 -1.72	21.57 -0.31 -1.46	21.95 -0.52 -2.46	23.91 -0.76 -2.41	17.46 -0.25 -2.05	12.84 -0.28 -2.22	10.33 -0.03 -2.63
DUNKIRK___3 23565	12.29 0.01 -2.19	12.20 0.03 -1.92	11.91 -0.01 -1.80	11.67 -0.03 -1.65	12.39 -0.01 -1.66	14.74 -0.08 -1.49	21.64 -0.14 -1.67	25.34 -0.54 -1.19	19.02 -0.50 -1.63	15.59 -0.39 -0.82	15.36 -0.33 -0.51	14.22 -0.23 -0.70	12.82 -0.16 -0.93	13.15 -0.12 -0.95	12.81 -0.02 -1.01	12.80 0.02 -1.12	13.75 0.01 -1.40	16.40 -0.27 -1.71	21.46 -0.41 -1.45	21.85 -0.60 -2.44	23.80 -0.85 -2.39	17.38 -0.31 -2.03	12.80 -0.31 -2.20	10.29 -0.05 -2.61
DUNKIRK___4 23566	12.29 0.01 -2.19	12.20 0.03 -1.92	11.91 -0.01 -1.80	11.67 -0.03 -1.65	12.39 -0.01 -1.66	14.74 -0.08 -1.49	21.64 -0.14 -1.67	25.34 -0.54 -1.19	19.02 -0.50 -1.63	15.59 -0.39 -0.82	15.36 -0.33 -0.51	14.22 -0.23 -0.70	12.82 -0.16 -0.93	13.15 -0.12 -0.95	12.81 -0.02 -1.01	12.80 0.02 -1.12	13.75 0.01 -1.40	16.40 -0.27 -1.71	21.46 -0.41 -1.45	21.85 -0.60 -2.44	23.80 -0.85 -2.39	17.38 -0.31 -2.03	12.80 -0.31 -2.20	10.29 -0.05 -2.61
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	22.73 0.65 -11.99	21.37 0.63 -10.49	20.58 0.60 -9.87	19.69 0.60 -9.04	20.43 0.62 -9.06	22.26 0.76 -8.17	30.39 1.19 -9.09	32.65 1.46 -6.49	28.06 1.29 -8.87	20.74 1.12 -4.45	19.10 1.12 -2.79	18.59 1.03 -3.79	18.07 0.94 -5.08	18.48 0.97 -5.19	18.29 0.95 -5.52	18.70 0.93 -6.10	20.93 0.94 -7.64	25.43 1.12 -9.34	29.80 1.47 -7.91	34.71 1.34 -13.36	36.77 1.45 -13.07	27.67 0.96 -11.05	23.62 0.69 -12.03	22.52 0.50 -14.29
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	22.34 0.61 -11.64	21.03 0.59 -10.18	20.27 0.58 -9.58	19.40 0.57 -8.77	20.13 0.59 -8.79	21.95 0.69 -7.94	30.04 1.11 -8.82	32.36 1.36 -6.30	27.69 1.18 -8.61	20.47 0.99 -4.32	18.88 0.99 -2.71	18.34 0.89 -3.68	17.80 0.82 -4.94	18.20 0.85 -5.04	18.01 0.83 -5.36	18.41 0.83 -5.92	20.60 0.84 -7.42	25.00 0.97 -9.06	29.43 1.33 -7.68	34.18 1.20 -12.97	36.28 1.31 -12.72	27.36 0.88 -10.82	23.22 0.64 -11.68	22.05 0.45 -13.88
E179THST_138_KV_TB4_REV_LBMP_J 345001	22.72 0.64 -11.99	21.33 0.58 -10.49	20.53 0.55 -9.87	19.63 0.54 -9.04	20.36 0.56 -9.06	22.14 0.64 -8.17	30.22 1.03 -9.09	32.47 1.28 -6.49	28.02 1.25 -8.87	20.71 1.09 -4.45	19.10 1.12 -2.79	18.60 1.05 -3.79	18.08 0.95 -5.08	18.50 1.00 -5.19	18.31 0.97 -5.52	18.72 0.96 -6.10	20.91 0.93 -7.64	25.43 1.12 -9.34	29.80 1.47 -7.91	34.63 1.26 -13.36	36.70 1.38 -13.07	27.55 0.83 -11.05	23.56 0.63 -12.03	22.51 0.49 -14.29
E179THST_13_KV_LOAD 356214	22.75 0.67 -11.99	21.36 0.62 -10.49	20.56 0.58 -9.87	19.66 0.57 -9.04	20.40 0.60 -9.06	22.18 0.68 -8.17	30.31 1.11 -9.09	32.57 1.38 -6.49	28.09 1.32 -8.87	20.77 1.15 -4.45	19.16 1.18 -2.79	18.66 1.10 -3.79	18.13 1.00 -5.08	18.55 1.05 -5.19	18.36 1.02 -5.52	18.77 1.00 -6.10	20.96 0.98 -7.64	25.49 1.18 -9.34	29.90 1.57 -7.91	34.73 1.36 -13.36	36.79 1.47 -13.07	27.61 0.89 -11.05	23.61 0.68 -12.03	22.54 0.53 -14.29
EAST HAMPTON___GT 23717	25.95 1.25 -14.61	23.41 1.26 -11.89	22.87 1.24 -11.52	22.88 1.24 -11.60	23.50 1.30 -11.45	29.92 1.60 -15.00	31.68 2.47 -9.09	33.81 2.62 -6.49	30.08 2.34 -9.84	23.74 1.99 -6.59	24.66 1.88 -7.59	23.22 1.73 -7.72	22.61 1.54 -9.02	22.81 1.58 -8.91	25.89 1.50 -12.57	26.67 1.50 -13.51	27.18 1.57 -13.27	29.76 1.96 -12.84	31.95 2.67 -8.86	37.26 2.56 -14.69	43.87 2.89 -18.72	32.22 1.93 -14.62	28.35 1.40 -16.05	25.85 0.98 -17.14
EAST RIVER___6 23660	22.71 0.63 -11.99	21.35 0.60 -10.49	20.55 0.57 -9.87	19.65 0.56 -9.04	20.38 0.58 -9.06	22.20 0.71 -8.17	30.31 1.11 -9.09	32.60 1.41 -6.49	28.09 1.32 -8.87	20.80 1.18 -4.45	19.17 1.20 -2.79	18.67 1.11 -3.79	18.14 1.01 -5.08	18.57 1.06 -5.19	18.37 1.03 -5.52	18.77 1.00 -6.10	20.98 0.99 -7.64	25.47 1.17 -9.34	29.84 1.51 -7.91	34.65 1.28 -13.36	36.75 1.43 -13.07	27.61 0.89 -11.05	23.61 0.68 -12.03	22.51 0.49 -14.29

EAST RIVER___7 23524	22.71 0.63 -11.99	21.35 0.60 -10.49	20.55 0.57 -9.87	19.65 0.56 -9.04	20.38 0.58 -9.06	22.20 0.71 -8.17	30.31 1.11 -9.09	32.60 1.41 -6.49	28.09 1.32 -8.87	20.80 1.18 -4.45	19.17 1.20 -2.79	18.67 1.11 -3.79	18.14 1.01 -5.08	18.57 1.06 -5.19	18.37 1.03 -5.52	18.77 1.00 -6.10	20.98 0.99 -7.64	25.47 1.17 -9.34	29.84 1.51 -7.91	34.65 1.28 -13.36	36.75 1.43 -13.07	27.61 0.89 -11.05	23.61 0.68 -12.03	22.51 0.49 -14.29
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	22.69 0.63 -11.97	21.34 0.62 -10.47	20.55 0.59 -9.85	19.65 0.58 -9.02	20.40 0.61 -9.04	22.22 0.73 -8.16	30.35 1.17 -9.07	32.61 1.43 -6.48	28.01 1.25 -8.86	20.70 1.09 -4.44	19.06 1.09 -2.79	18.56 1.00 -3.79	18.04 0.92 -5.08	18.45 0.95 -5.18	18.25 0.92 -5.51	18.66 0.91 -6.09	20.89 0.91 -7.63	25.37 1.08 -9.32	29.75 1.43 -7.90	34.65 1.30 -13.34	36.72 1.42 -13.05	27.62 0.92 -11.03	23.59 0.68 -12.01	22.48 0.49 -14.27
EAST_HAMPTON___DIESEL 23722	25.95 1.25 -14.61	23.42 1.27 -11.89	22.87 1.24 -11.52	22.88 1.24 -11.60	23.50 1.30 -11.45	29.92 1.60 -15.00	31.68 2.47 -9.09	33.81 2.62 -6.49	30.10 2.36 -9.84	23.74 1.99 -6.59	24.67 1.90 -7.59	23.22 1.73 -7.72	22.61 1.54 -9.02	22.81 1.58 -8.91	25.89 1.50 -12.57	26.67 1.50 -13.51	27.18 1.57 -13.27	29.76 1.96 -12.84	31.95 2.67 -8.86	37.26 2.56 -14.69	43.89 2.91 -18.72	32.22 1.93 -14.62	28.35 1.40 -16.05	25.85 0.98 -17.14
EAST_PULASKI___ESR 323781	11.03 -0.12 -1.06	11.06 -0.12 -0.92	10.85 -0.13 -0.87	10.73 -0.12 -0.80	11.42 -0.12 -0.80	13.90 -0.15 -0.72	20.73 -0.18 -0.80	25.05 -0.22 -0.57	18.41 -0.27 -0.78	15.30 -0.26 -0.39	15.17 -0.26 -0.25	13.85 -0.25 -0.33	12.28 -0.22 -0.45	12.53 -0.25 -0.46	12.08 -0.22 -0.49	11.99 -0.21 -0.54	12.81 -0.21 -0.67	15.55 -0.24 -0.82	20.85 -0.27 -0.70	20.97 -0.22 -1.18	22.98 -0.20 -0.93	15.84 -0.16 -0.33	11.83 -0.13 -1.06	8.92 -0.06 -1.26
EAST_RIVER___1 323558	22.75 0.67 -11.99	21.38 0.64 -10.49	20.59 0.61 -9.87	19.69 0.60 -9.04	20.43 0.62 -9.06	22.26 0.76 -8.17	30.39 1.19 -9.09	32.67 1.48 -6.49	28.13 1.36 -8.87	20.81 1.20 -4.45	19.19 1.22 -2.79	18.67 1.11 -3.79	18.14 1.01 -5.08	18.57 1.06 -5.19	18.37 1.03 -5.52	18.78 1.01 -6.10	20.99 1.00 -7.64	25.52 1.21 -9.34	29.90 1.57 -7.91	34.71 1.34 -13.36	36.83 1.51 -13.07	27.69 0.97 -11.05	23.65 0.72 -12.03	22.54 0.53 -14.29
EAST_RIVER___2 323559	22.71 0.63 -11.99	21.35 0.60 -10.49	20.55 0.57 -9.87	19.65 0.56 -9.04	20.38 0.58 -9.06	22.20 0.71 -8.17	30.31 1.11 -9.09	32.60 1.41 -6.49	28.09 1.32 -8.87	20.80 1.18 -4.45	19.17 1.20 -2.79	18.67 1.11 -3.79	18.14 1.01 -5.08	18.57 1.06 -5.19	18.37 1.03 -5.52	18.77 1.00 -6.10	20.98 0.99 -7.64	25.47 1.17 -9.34	29.84 1.51 -7.91	34.65 1.28 -13.36	36.75 1.43 -13.07	27.61 0.89 -11.05	23.61 0.68 -12.03	22.51 0.49 -14.29
EAST___DELAWARE_HYD 23607	20.94 0.63 -10.23	19.82 0.62 -8.94	19.13 0.60 -8.42	18.35 0.59 -7.71	19.06 0.59 -7.73	20.92 0.63 -6.97	28.99 1.13 -7.75	31.59 1.36 -5.54	26.64 1.18 -7.57	19.85 0.89 -3.79	18.43 0.87 -2.38	17.78 0.78 -3.23	17.09 0.71 -4.34	17.48 0.74 -4.42	17.24 0.71 -4.71	17.61 0.75 -5.20	19.65 0.79 -6.52	23.81 0.88 -7.96	28.45 1.29 -6.74	32.50 1.10 -11.39	34.74 1.22 -11.27	26.28 0.83 -9.79	21.81 0.65 -10.25	20.32 0.41 -12.19
EIGHT_POINT___WT_PWR 323820	13.02 0.54 -2.38	12.92 0.58 -2.08	12.65 0.58 -1.96	12.40 0.55 -1.79	13.20 0.66 -1.80	15.79 0.84 -1.62	23.29 1.37 -1.80	27.49 1.51 -1.29	20.46 0.81 -1.76	16.60 0.55 -0.88	16.28 0.55 -0.55	14.99 0.47 -0.75	13.49 0.43 -1.01	13.79 0.44 -1.03	13.39 0.47 -1.10	13.39 0.51 -1.21	14.42 0.56 -1.52	17.50 0.67 -1.86	23.06 1.06 -1.57	23.73 1.06 -2.66	26.04 1.18 -2.61	18.72 0.81 -2.23	13.73 0.44 -2.39	10.96 0.40 -2.84
ELBRIDGE_115KV_TB2 80188	11.45 -0.09 -1.45	11.44 -0.08 -1.27	11.22 -0.09 -1.19	11.05 -0.09 -1.09	11.77 -0.08 -1.10	14.21 -0.11 -0.99	21.07 -0.14 -1.10	25.28 -0.20 -0.79	18.75 -0.21 -1.07	15.49 -0.21 -0.54	15.32 -0.20 -0.34	14.04 -0.18 -0.46	12.52 -0.14 -0.62	12.80 -0.15 -0.63	12.37 -0.12 -0.67	12.28 -0.12 -0.74	13.16 -0.11 -0.93	15.93 -0.16 -1.13	21.20 -0.18 -0.96	21.45 -0.18 -1.62	23.63 -0.18 -1.56	16.85 -0.18 -1.27	12.26 -0.09 -1.46	9.43 -0.02 -1.73
ELEC_TRO_TEK 24086	25.51 0.81 -14.61	22.95 0.80 -11.89	22.40 0.77 -11.52	22.41 0.76 -11.60	23.00 0.81 -11.45	29.30 0.97 -15.00	30.69 1.49 -9.09	32.77 1.58 -6.49	29.31 1.57 -9.84	23.12 1.37 -6.59	24.11 1.34 -7.59	22.72 1.24 -7.72	22.19 1.12 -9.02	22.39 1.16 -8.91	25.50 1.11 -12.57	26.26 1.10 -13.51	26.71 1.10 -13.27	29.10 1.30 -12.83	30.99 1.72 -8.86	36.26 1.56 -14.69	42.73 1.76 -18.72	31.43 1.14 -14.62	27.81 0.86 -16.05	25.49 0.63 -17.14
ELLENBURG_WT_PWR 323604	10.06 -0.03 0.00	10.26 0.00 0.00	10.14 0.03 0.00	10.08 0.03 0.00	10.75 0.01 0.00	13.39 0.07 0.00	20.21 0.10 0.00	24.99 0.30 0.00	18.06 0.16 0.00	15.27 0.11 0.00	15.28 0.09 0.00	13.82 0.06 0.00	12.05 0.00 0.00	12.34 0.02 0.00	11.77 -0.05 0.00	11.58 -0.08 0.00	12.28 -0.06 0.00	14.98 0.01 0.00	20.48 0.06 0.00	20.23 0.22 0.00	22.50 0.25 0.00	15.73 0.06 0.00	10.97 0.07 0.00	7.72 -0.01 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	12.04 -0.13 -2.08	11.97 -0.11 -1.82	11.68 -0.15 -1.71	11.45 -0.17 -1.57	12.16 -0.16 -1.57	14.46 -0.28 -1.42	21.17 -0.52 -1.58	24.79 -1.04 -1.13	18.60 -0.84 -1.55	15.27 -0.67 -0.77	15.05 -0.62 -0.49	13.96 -0.47 -0.66	12.57 -0.36 -0.89	12.90 -0.32 -0.90	12.57 -0.21 -0.96	12.57 -0.15 -1.06	13.49 -0.19 -1.33	16.05 -0.54 -1.62	21.00 -0.80 -1.37	21.35 -0.98 -2.32	23.28 -1.25 -2.27	17.05 -0.53 -1.92	12.57 -0.43 -2.09	10.10 -0.11 -2.48
EMPIRE_CC_1 323656	24.40 0.29 -14.01	22.85 0.34 -12.26	22.00 0.35 -11.53	20.95 0.34 -10.56	21.70 0.37 -10.59	23.33 0.45 -9.55	31.32 0.58 -10.62	32.97 0.69 -7.59	28.77 0.50 -10.37	20.82 0.45 -5.20	18.94 0.50 -3.26	18.65 0.45 -4.43	18.37 0.39 -5.94	18.77 0.39 -6.06	18.65 0.38 -6.45	19.18 0.38 -7.13	21.70 0.42 -8.93	26.31 0.43 -10.91	30.28 0.61 -9.24	36.24 0.62 -15.61	38.86 0.69 -15.92	30.97 0.50 -14.80	25.31 0.35 -14.05	24.66 0.23 -16.70
EMPIRE_CC_2 323658	24.40 0.29 -14.01	22.85 0.34 -12.26	22.00 0.35 -11.53	20.95 0.34 -10.56	21.70 0.37 -10.59	23.33 0.45 -9.55	31.32 0.58 -10.62	32.97 0.69 -7.59	28.77 0.50 -10.37	20.82 0.45 -5.20	18.94 0.50 -3.26	18.65 0.45 -4.43	18.37 0.39 -5.94	18.77 0.39 -6.06	18.65 0.38 -6.45	19.18 0.38 -7.13	21.70 0.42 -8.93	26.31 0.43 -10.91	30.28 0.61 -9.24	36.24 0.62 -15.61	38.86 0.69 -15.92	30.97 0.50 -14.80	25.31 0.35 -14.05	24.66 0.23 -16.70
ENORWICH_115KV_TB1 80156	14.34 0.69 -3.56	14.05 0.69 -3.11	13.71 0.67 -2.93	13.42 0.69 -2.68	14.21 0.77 -2.69	16.74 0.99 -2.43	24.46 1.65 -2.70	28.62 2.00 -1.93	21.67 1.15 -2.63	17.25 0.76 -1.32	16.69 0.68 -0.83	15.43 0.54 -1.13	14.02 0.46 -1.51	14.29 0.43 -1.54	13.91 0.45 -1.64	13.94 0.47 -1.81	15.18 0.57 -2.27	18.67 0.93 -2.77	24.32 1.55 -2.35	25.64 1.66 -3.96	28.31 1.91 -4.14	20.78 1.07 -4.05	15.13 0.65 -3.57	12.45 0.49 -4.24

ERIE_ST__34_KV_TB1-2 80199	12.10 -0.14 -2.15	12.01 -0.12 -1.88	11.72 -0.16 -1.77	11.48 -0.19 -1.62	12.21 -0.16 -1.62	14.52 -0.27 -1.47	21.31 -0.44 -1.63	24.95 -0.91 -1.17	18.74 -0.75 -1.60	15.36 -0.61 -0.80	15.14 -0.55 -0.50	14.03 -0.41 -0.68	12.64 -0.33 -0.91	12.97 -0.28 -0.93	12.62 -0.19 -0.99	12.63 -0.13 -1.09	13.55 -0.16 -1.37	16.16 -0.48 -1.67	21.15 -0.69 -1.42	21.53 -0.88 -2.39	23.46 -1.13 -2.34	17.14 -0.52 -1.99	12.61 -0.45 -2.16	10.15 -0.13 -2.56
ERIE_WT_PWR 323693	12.14 -0.08 -2.13	12.06 -0.06 -1.86	11.77 -0.10 -1.75	11.53 -0.12 -1.60	12.25 -0.11 -1.61	14.58 -0.20 -1.45	21.34 -0.38 -1.61	24.98 -0.87 -1.15	18.74 -0.73 -1.58	15.38 -0.58 -0.79	15.15 -0.53 -0.50	14.04 -0.40 -0.68	12.67 -0.29 -0.91	12.99 -0.26 -0.93	12.65 -0.15 -0.99	12.66 -0.09 -1.09	13.60 -0.11 -1.36	16.18 -0.45 -1.67	21.18 -0.65 -1.41	21.56 -0.84 -2.38	23.47 -1.11 -2.33	17.18 -0.45 -1.97	12.67 -0.38 -2.15	10.18 -0.08 -2.54
ESPRGFLD_115KV_TB1 80157	8.68 0.41 1.83	9.06 0.40 1.60	8.99 0.38 1.50	9.06 0.39 1.38	9.80 0.44 1.38	12.65 0.57 1.25	19.75 1.01 1.37	24.97 1.26 0.98	17.38 0.82 1.34	15.10 0.61 0.67	15.31 0.55 0.42	13.66 0.47 0.57	11.70 0.42 0.77	11.92 0.38 0.78	11.37 0.39 0.83	11.13 0.40 0.92	11.63 0.44 1.15	14.18 0.63 1.41	20.18 0.96 1.21	18.93 0.96 2.04	26.92 1.09 -3.58	31.05 0.74 -14.65	9.53 0.46 1.83	5.86 0.32 2.18
ETNA_115_KV_TB1_REV_LBMP_C 345029	12.96 0.19 -2.68	12.80 0.21 -2.34	12.51 0.19 -2.20	12.26 0.19 -2.02	12.99 0.23 -2.02	15.43 0.28 -1.83	22.61 0.46 -2.03	26.69 0.54 -1.45	20.13 0.25 -1.98	16.30 0.14 -0.99	15.94 0.14 -0.62	14.72 0.11 -0.85	13.29 0.11 -1.14	13.58 0.10 -1.16	13.17 0.12 -1.23	13.16 0.14 -1.36	14.22 0.17 -1.71	17.29 0.24 -2.09	22.62 0.43 -1.77	23.46 0.46 -2.98	25.75 0.53 -2.96	18.63 0.36 -2.60	13.79 0.20 -2.69	11.11 0.19 -3.19
ETNA____115KV_TB2 80207	12.96 0.19 -2.68	12.80 0.21 -2.34	12.51 0.19 -2.20	12.26 0.19 -2.02	12.99 0.23 -2.02	15.43 0.28 -1.83	22.61 0.46 -2.03	26.69 0.54 -1.45	20.13 0.25 -1.98	16.30 0.14 -0.99	15.94 0.14 -0.62	14.72 0.11 -0.85	13.29 0.11 -1.14	13.58 0.10 -1.16	13.17 0.12 -1.23	13.16 0.14 -1.36	14.22 0.17 -1.71	17.29 0.24 -2.09	22.62 0.43 -1.77	23.46 0.46 -2.98	25.75 0.53 -2.96	18.63 0.36 -2.60	13.79 0.20 -2.69	11.11 0.19 -3.19
EUCLID____115KV_TB2 356179	11.13 -0.15 -1.19	11.14 -0.15 -1.04	10.94 -0.15 -0.98	10.79 -0.16 -0.90	11.49 -0.15 -0.90	13.94 -0.20 -0.81	20.73 -0.28 -0.90	24.95 -0.40 -0.64	18.44 -0.34 -0.88	15.31 -0.30 -0.44	15.17 -0.29 -0.28	13.88 -0.26 -0.38	12.35 -0.20 -0.50	12.61 -0.22 -0.52	12.18 -0.19 -0.55	12.09 -0.17 -0.61	12.92 -0.19 -0.76	15.65 -0.24 -0.93	20.90 -0.31 -0.79	21.02 -0.32 -1.33	23.18 -0.33 -1.27	16.47 -0.20 -1.00	11.92 -0.17 -1.19	9.06 -0.08 -1.42
E_CANADA_CAP_HY 24051	28.56 0.50 -17.97	26.46 0.49 -15.71	25.38 0.48 -14.79	24.08 0.49 -13.54	24.86 0.55 -13.57	26.29 0.72 -12.25	34.98 1.25 -13.61	35.96 1.53 -9.73	32.14 0.95 -13.30	22.53 0.70 -6.66	19.99 0.62 -4.19	19.98 0.52 -5.69	20.16 0.48 -7.63	20.51 0.41 -7.78	20.51 0.40 -8.29	21.22 0.41 -9.16	24.31 0.49 -11.47	29.65 0.67 -14.01	33.33 1.04 -11.86	41.20 1.14 -20.04	45.85 1.29 -22.31	41.13 0.97 -24.49	29.52 0.58 -18.04	29.53 0.39 -21.42
E_CANADA_MHWK_HY 24050	10.28 0.19 0.00	10.45 0.19 0.00	10.32 0.20 0.00	10.25 0.20 0.00	10.97 0.23 0.00	13.62 0.29 0.00	20.58 0.46 0.00	25.26 0.57 0.00	18.27 0.38 0.00	15.45 0.29 0.00	15.46 0.27 0.00	14.01 0.25 0.00	12.27 0.22 0.00	12.52 0.20 0.00	12.02 0.20 0.00	11.87 0.21 0.00	12.58 0.23 0.00	15.27 0.30 0.00	20.87 0.45 0.00	20.47 0.46 0.00	22.76 0.51 0.00	16.01 0.34 0.00	11.11 0.21 0.00	7.86 0.14 0.00
E_FISHKILL____LBMP 23776	22.83 0.56 -12.18	21.47 0.55 -10.66	20.68 0.54 -10.03	19.76 0.53 -9.18	20.51 0.56 -9.20	22.30 0.67 -8.31	30.37 1.03 -9.23	32.55 1.26 -6.60	28.00 1.09 -9.02	20.64 0.96 -4.52	18.97 0.96 -2.83	18.50 0.88 -3.85	18.01 0.80 -5.16	18.41 0.83 -5.27	18.23 0.80 -5.61	18.65 0.79 -6.20	20.91 0.80 -7.76	25.40 0.94 -9.49	29.70 1.25 -8.03	34.73 1.14 -13.57	36.78 1.25 -13.28	27.71 0.81 -11.23	23.72 0.60 -12.22	22.68 0.43 -14.52
FALCON____SEABRD_CC1 323796	10.16 0.07 0.00	10.36 0.10 0.00	10.26 0.14 0.00	10.19 0.14 0.00	10.86 0.12 0.00	13.54 0.21 0.00	20.45 0.34 0.00	25.31 0.62 0.00	18.29 0.39 0.00	15.47 0.30 0.00	15.46 0.27 0.00	13.97 0.21 0.00	12.18 0.13 0.00	12.49 0.17 0.00	11.90 0.08 0.00	11.70 0.04 0.00	12.41 0.06 0.00	15.16 0.19 0.00	20.73 0.31 0.00	20.49 0.48 0.00	22.78 0.53 0.00	15.92 0.25 0.00	11.10 0.20 0.00	7.80 0.08 0.00
FALCON____SEABRD_CC2 323797	10.16 0.07 0.00	10.36 0.10 0.00	10.26 0.14 0.00	10.19 0.14 0.00	10.86 0.12 0.00	13.54 0.21 0.00	20.45 0.34 0.00	25.31 0.62 0.00	18.29 0.39 0.00	15.47 0.30 0.00	15.46 0.27 0.00	13.97 0.21 0.00	12.18 0.13 0.00	12.49 0.17 0.00	11.90 0.08 0.00	11.70 0.04 0.00	12.41 0.06 0.00	15.16 0.19 0.00	20.73 0.31 0.00	20.49 0.48 0.00	22.78 0.53 0.00	15.92 0.25 0.00	11.10 0.20 0.00	7.80 0.08 0.00
FAR ROCKAWAY____4 23548	25.64 0.94 -14.61	23.07 0.92 -11.89	22.52 0.89 -11.52	22.53 0.88 -11.60	23.13 0.93 -11.45	29.46 1.13 -15.00	30.93 1.73 -9.09	33.02 1.83 -6.49	29.51 1.77 -9.84	23.28 1.53 -6.59	24.29 1.52 -7.59	22.89 1.40 -7.72	22.32 1.25 -9.02	22.54 1.31 -8.91	25.63 1.24 -12.57	26.39 1.22 -13.51	26.86 1.25 -13.27	29.30 1.50 -12.83	31.26 1.98 -8.86	36.54 1.84 -14.69	43.04 2.07 -18.72	31.64 1.35 -14.62	27.96 1.00 -16.05	25.59 0.73 -17.14
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	22.75 0.67 -11.99	21.39 0.65 -10.49	20.59 0.61 -9.87	19.69 0.60 -9.04	20.43 0.62 -9.06	22.26 0.76 -8.17	30.41 1.21 -9.09	32.70 1.51 -6.49	28.15 1.38 -8.87	20.83 1.21 -4.45	19.19 1.21 -2.79	18.69 1.13 -3.79	18.16 1.02 -5.08	18.57 1.06 -5.19	18.38 1.04 -5.52	18.78 1.01 -6.10	21.00 1.01 -7.64	25.52 1.21 -9.34	29.90 1.57 -7.91	34.77 1.40 -13.36	36.83 1.51 -13.07	27.69 0.97 -11.05	23.65 0.72 -12.03	22.54 0.53 -14.29
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	22.76 0.68 -11.99	21.39 0.65 -10.49	20.59 0.61 -9.87	19.69 0.60 -9.04	20.43 0.62 -9.06	22.26 0.76 -8.17	30.41 1.21 -9.09	32.70 1.51 -6.49	28.15 1.38 -8.87	20.83 1.21 -4.45	19.19 1.21 -2.79	18.69 1.13 -3.79	18.16 1.02 -5.08	18.57 1.06 -5.19	18.37 1.03 -5.52	18.78 1.01 -6.10	21.00 1.01 -7.64	25.52 1.21 -9.34	29.90 1.57 -7.91	34.77 1.40 -13.36	36.83 1.51 -13.07	27.69 0.97 -11.05	23.65 0.72 -12.03	22.54 0.53 -14.29
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	22.75 0.67 -11.99	21.38 0.64 -10.49	20.59 0.61 -9.87	19.69 0.60 -9.04	20.43 0.62 -9.06	22.26 0.76 -8.17	30.41 1.21 -9.09	32.67 1.48 -6.49	28.15 1.38 -8.87	20.81 1.20 -4.45	19.19 1.21 -2.79	18.67 1.11 -3.79	18.14 1.01 -5.08	18.57 1.06 -5.19	18.37 1.03 -5.52	18.78 1.01 -6.10	21.00 1.01 -7.64	25.52 1.21 -9.34	29.90 1.57 -7.91	34.75 1.38 -13.36	36.83 1.51 -13.07	27.67 0.96 -11.05	23.65 0.72 -12.03	22.54 0.53 -14.29

FARRAGUT___LBMP 323566	22.74 0.66 -11.99	21.38 0.64 -10.49	20.58 0.60 -9.87	19.68 0.59 -9.04	20.42 0.61 -9.06	22.24 0.75 -8.17	30.39 1.19 -9.09	32.67 1.48 -6.49	28.13 1.36 -8.87	20.80 1.18 -4.45	19.17 1.20 -2.79	18.67 1.11 -3.79	18.13 1.00 -5.08	18.55 1.05 -5.19	18.36 1.02 -5.52	18.77 1.00 -6.10	20.99 1.00 -7.64	25.50 1.20 -9.34	29.88 1.55 -7.91	34.73 1.36 -13.36	36.81 1.49 -13.07	27.67 0.96 -11.05	23.64 0.71 -12.03	22.54 0.52 -14.29
FENNER___WINDPWR 24204	11.77 0.16 -1.52	11.74 0.15 -1.33	11.52 0.15 -1.25	11.35 0.15 -1.15	12.07 0.18 -1.15	14.60 0.24 -1.04	21.67 0.40 -1.15	26.04 0.52 -0.82	19.31 0.29 -1.12	15.90 0.17 -0.56	15.70 0.17 -0.35	14.37 0.12 -0.48	12.81 0.12 -0.64	13.09 0.11 -0.66	12.64 0.12 -0.70	12.56 0.13 -0.77	13.46 0.15 -0.97	16.39 0.24 -1.18	21.83 0.41 -1.00	22.14 0.44 -1.69	24.40 0.51 -1.64	17.32 0.30 -1.35	12.60 0.17 -1.52	9.68 0.15 -1.81
FIBERTEK___ENERGY 23856	11.41 -0.06 -1.38	11.41 -0.05 -1.21	11.19 -0.06 -1.14	11.02 -0.07 -1.04	11.74 -0.05 -1.04	14.20 -0.07 -0.94	21.08 -0.08 -1.05	25.35 -0.10 -0.75	18.76 -0.16 -1.02	15.51 -0.17 -0.51	15.37 -0.14 -0.32	14.08 -0.12 -0.44	12.54 -0.10 -0.59	12.81 -0.11 -0.60	12.37 -0.08 -0.64	12.29 -0.07 -0.70	13.15 -0.07 -0.88	15.94 -0.10 -1.08	21.23 -0.10 -0.91	21.45 -0.10 -1.54	23.65 -0.09 -1.48	16.84 -0.03 -1.20	12.23 -0.07 -1.39	9.37 0.00 -1.65
FITZPATRICK____ 23598	10.75 -0.30 -0.96	10.80 -0.30 -0.84	10.60 -0.30 -0.79	10.48 -0.30 -0.73	11.16 -0.31 -0.73	13.58 -0.40 -0.66	20.24 -0.60 -0.73	24.45 -0.77 -0.52	18.00 -0.61 -0.71	14.99 -0.53 -0.36	14.89 -0.52 -0.22	13.61 -0.45 -0.30	12.07 -0.39 -0.41	12.33 -0.41 -0.42	11.89 -0.37 -0.44	11.79 -0.36 -0.49	12.59 -0.37 -0.61	15.24 -0.48 -0.75	20.42 -0.63 -0.64	20.47 -0.62 -1.07	22.41 -0.69 -0.85	15.52 -0.45 -0.30	11.53 -0.34 -0.97	8.67 -0.21 -1.15
FLOWRFLD_69_KV_BK1 356044	25.69 0.99 -14.61	23.13 0.98 -11.89	22.59 0.96 -11.52	22.60 0.95 -11.60	23.19 1.00 -11.45	29.55 1.23 -15.00	31.07 1.87 -9.09	33.07 1.88 -6.49	29.61 1.88 -9.84	23.36 1.61 -6.59	24.29 1.52 -7.59	22.90 1.42 -7.72	22.33 1.27 -9.02	22.53 1.29 -8.91	25.62 1.23 -12.57	26.40 1.24 -13.51	26.89 1.27 -13.27	29.33 1.53 -12.84	31.34 2.06 -8.86	36.62 1.92 -14.69	43.16 2.18 -18.73	31.70 1.41 -14.63	28.00 1.05 -16.05	25.61 0.75 -17.14
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	22.73 0.66 -11.98	21.38 0.65 -10.48	20.60 0.63 -9.86	19.70 0.62 -9.03	20.44 0.64 -9.05	22.24 0.75 -8.16	30.39 1.21 -9.07	32.66 1.48 -6.48	28.01 1.25 -8.86	20.66 1.05 -4.44	19.00 1.03 -2.79	18.49 0.94 -3.79	17.98 0.86 -5.08	18.37 0.87 -5.18	18.18 0.85 -5.52	18.62 0.86 -6.10	20.87 0.89 -7.63	25.31 1.02 -9.33	29.71 1.39 -7.90	34.64 1.28 -13.34	36.73 1.40 -13.08	27.72 0.94 -11.11	23.61 0.70 -12.01	22.48 0.48 -14.28
FORT ORANGE____ 23900	24.91 0.44 -14.37	23.29 0.46 -12.57	22.41 0.47 -11.83	21.34 0.46 -10.83	22.09 0.49 -10.86	23.72 0.60 -9.80	31.91 0.91 -10.89	33.54 1.06 -7.78	29.30 0.77 -10.63	21.12 0.62 -5.33	19.15 0.62 -3.34	18.87 0.56 -4.54	18.63 0.49 -6.09	19.04 0.51 -6.21	18.92 0.48 -6.62	19.46 0.49 -7.31	22.04 0.54 -9.16	26.77 0.61 -11.19	30.77 0.88 -9.47	36.92 0.90 -16.01	40.59 1.00 -17.34	34.57 0.74 -18.17	25.80 0.49 -14.41	25.19 0.33 -17.13
FORT_DRUM_COGEN 23780	10.94 0.12 -0.73	11.00 0.10 -0.64	10.82 0.10 -0.60	10.72 0.12 -0.55	11.45 0.15 -0.55	14.05 0.23 -0.50	21.11 0.44 -0.55	25.66 0.57 -0.40	18.65 0.21 -0.54	15.54 0.11 -0.27	15.43 0.08 -0.17	13.99 0.00 -0.23	12.30 -0.06 -0.31	12.54 -0.10 -0.32	12.02 -0.13 -0.34	11.92 -0.12 -0.37	12.70 -0.11 -0.47	15.61 0.07 -0.57	21.21 0.31 -0.48	21.31 0.48 -0.81	23.54 0.65 -0.65	16.12 0.22 -0.23	11.79 0.15 -0.73	8.70 0.11 -0.87
FPL_FAR_ROCK_GT1 24212	25.64 0.94 -14.61	23.07 0.92 -11.89	22.52 0.89 -11.52	22.53 0.88 -11.60	23.13 0.93 -11.45	29.46 1.13 -15.00	30.93 1.73 -9.09	33.04 1.85 -6.49	29.51 1.77 -9.84	23.28 1.53 -6.59	24.29 1.52 -7.59	22.89 1.40 -7.72	22.32 1.25 -9.02	22.54 1.31 -8.91	25.63 1.24 -12.57	26.39 1.22 -13.51	26.86 1.25 -13.27	29.30 1.50 -12.83	31.26 1.98 -8.85	36.54 1.84 -14.69	43.04 2.07 -18.72	31.65 1.36 -14.62	27.95 1.00 -16.05	25.59 0.73 -17.14
FPL_FAR_ROCK_GT2 23815	25.64 0.94 -14.61	23.07 0.92 -11.89	22.52 0.89 -11.52	22.53 0.88 -11.60	23.13 0.93 -11.45	29.46 1.13 -15.00	30.93 1.73 -9.09	33.04 1.85 -6.49	29.51 1.77 -9.84	23.28 1.53 -6.59	24.29 1.52 -7.59	22.89 1.40 -7.72	22.32 1.25 -9.02	22.54 1.31 -8.91	25.63 1.24 -12.57	26.39 1.22 -13.51	26.86 1.25 -13.27	29.30 1.50 -12.83	31.26 1.98 -8.85	36.54 1.84 -14.69	43.04 2.07 -18.72	31.65 1.36 -14.62	27.95 1.00 -16.05	25.59 0.73 -17.14
FRANKLIN_FALL_HYD 24054	10.10 0.01 0.00	10.30 0.04 0.00	10.19 0.07 0.00	10.13 0.08 0.00	10.81 0.06 0.00	13.48 0.16 0.00	20.35 0.24 0.00	25.17 0.47 0.00	18.18 0.29 0.00	15.36 0.20 0.00	15.35 0.17 0.00	13.87 0.11 0.00	12.06 0.01 0.00	12.34 0.02 0.00	11.72 -0.09 0.00	11.51 -0.15 0.00	12.22 -0.12 0.00	14.95 -0.01 0.00	20.46 0.04 0.00	20.23 0.22 0.00	22.54 0.29 0.00	15.75 0.08 0.00	10.99 0.09 0.00	7.74 0.02 0.00
FREEPORT_EQUS_GT1 23764	25.58 0.88 -14.61	23.01 0.86 -11.89	22.46 0.83 -11.52	22.47 0.82 -11.60	23.07 0.87 -11.45	29.38 1.05 -15.00	30.81 1.61 -9.09	32.89 1.70 -6.49	29.40 1.66 -9.84	23.20 1.44 -6.59	24.20 1.43 -7.59	22.79 1.31 -7.72	22.24 1.17 -9.02	22.45 1.22 -8.91	25.56 1.17 -12.57	26.32 1.15 -13.51	26.79 1.17 -13.27	29.19 1.39 -12.84	31.13 1.86 -8.85	36.40 1.70 -14.69	42.89 1.91 -18.72	31.54 1.25 -14.62	27.89 0.94 -16.05	25.54 0.68 -17.14
FREEPORT___CT2 23818	25.58 0.88 -14.61	23.01 0.86 -11.89	22.46 0.83 -11.52	22.47 0.82 -11.60	23.07 0.87 -11.45	29.38 1.05 -15.00	30.81 1.61 -9.09	32.89 1.70 -6.49	29.40 1.66 -9.84	23.20 1.44 -6.59	24.20 1.43 -7.59	22.79 1.31 -7.72	22.24 1.17 -9.02	22.45 1.22 -8.91	25.56 1.17 -12.57	26.32 1.15 -13.51	26.79 1.17 -13.27	29.19 1.39 -12.84	31.13 1.86 -8.85	36.40 1.70 -14.69	42.89 1.91 -18.72	31.54 1.25 -14.62	27.89 0.94 -16.05	25.54 0.68 -17.14
FRESHKLS_33_KV_LOAD 356253	22.76 0.68 -11.99	21.38 0.64 -10.49	20.58 0.60 -9.87	19.68 0.59 -9.04	20.42 0.61 -9.06	22.18 0.68 -8.17	30.29 1.09 -9.09	32.37 1.19 -6.49	27.99 1.22 -8.87	20.65 1.03 -4.45	19.02 1.05 -2.79	18.53 0.98 -3.79	18.02 0.89 -5.08	18.45 0.95 -5.19	18.27 0.93 -5.52	18.70 0.93 -6.10	20.88 0.89 -7.64	25.47 1.17 -9.34	29.90 1.57 -7.91	34.63 1.26 -13.36	36.68 1.36 -13.07	27.60 0.88 -11.05	23.62 0.69 -12.03	22.55 0.53 -14.29
FULTON COGEN____ 23766	11.08 -0.17 -1.16	11.10 -0.16 -1.01	10.89 -0.17 -0.95	10.75 -0.17 -0.87	11.46 -0.16 -0.87	13.90 -0.21 -0.79	20.69 -0.30 -0.88	24.93 -0.40 -0.63	18.37 -0.38 -0.86	15.26 -0.33 -0.43	15.13 -0.32 -0.27	13.85 -0.28 -0.37	12.31 -0.23 -0.49	12.57 -0.25 -0.50	12.14 -0.21 -0.53	12.04 -0.21 -0.59	12.86 -0.22 -0.74	15.58 -0.28 -0.90	20.86 -0.33 -0.76	20.98 -0.32 -1.29	23.15 -0.33 -1.23	16.43 -0.20 -0.97	11.88 -0.19 -1.16	9.01 -0.09 -1.38

FULTON___LFGE 323630	27.90 0.86 -16.95	25.93 0.85 -14.82	24.87 0.81 -13.95	23.65 0.83 -12.77	24.49 0.95 -12.80	26.10 1.23 -11.55	35.06 2.11 -12.84	36.44 2.57 -9.18	31.97 1.54 -12.54	22.56 1.11 -6.28	20.06 0.93 -3.95	19.92 0.78 -5.37	19.99 0.75 -7.19	20.37 0.71 -7.34	20.33 0.70 -7.82	21.03 0.74 -8.64	24.09 0.93 -10.82	29.44 1.26 -13.21	33.43 1.82 -11.19	40.96 2.04 -18.91	46.52 2.34 -21.93	43.08 1.69 -25.72	28.93 1.00 -17.02	28.58 0.66 -20.20
G.F.CEMENT___DRP 24184	25.65 0.56 -15.01	23.93 0.55 -13.12	23.00 0.54 -12.35	21.90 0.54 -11.31	22.68 0.60 -11.34	24.33 0.77 -10.23	32.81 1.31 -11.39	34.39 1.56 -8.14	30.02 1.00 -11.12	21.50 0.76 -5.57	19.41 0.73 -3.50	19.15 0.63 -4.75	19.00 0.58 -6.37	19.40 0.58 -6.50	19.27 0.53 -6.92	19.83 0.52 -7.65	22.55 0.63 -9.58	27.44 0.78 -11.70	31.42 1.10 -9.89	37.99 1.26 -16.72	44.28 1.49 -20.54	42.87 1.10 -26.11	26.62 0.67 -15.05	26.03 0.42 -17.88
GARDENVILLE___LBMP 24039	12.10 -0.11 -2.12	12.02 -0.09 -1.86	11.73 -0.13 -1.75	11.50 -0.15 -1.60	12.21 -0.14 -1.60	14.52 -0.25 -1.45	21.27 -0.46 -1.62	24.89 -0.96 -1.15	18.68 -0.79 -1.58	15.34 -0.62 -0.79	15.10 -0.58 -0.50	14.00 -0.44 -0.67	12.63 -0.33 -0.90	12.95 -0.30 -0.92	12.61 -0.19 -0.98	12.61 -0.13 -1.08	13.55 -0.15 -1.35	16.13 -0.49 -1.65	21.09 -0.74 -1.40	21.46 -0.92 -2.37	23.39 -1.18 -2.32	17.13 -0.50 -1.96	12.62 -0.41 -2.13	10.15 -0.11 -2.53
GARDNVLA_35_KV_LD 355827	12.15 -0.07 -2.13	12.07 -0.05 -1.86	11.79 -0.08 -1.75	11.55 -0.11 -1.61	12.27 -0.09 -1.61	14.59 -0.19 -1.45	21.38 -0.36 -1.62	25.02 -0.84 -1.16	18.78 -0.70 -1.59	15.42 -0.55 -0.80	15.18 -0.50 -0.50	14.07 -0.37 -0.68	12.69 -0.27 -0.91	13.02 -0.22 -0.93	12.67 -0.13 -0.99	12.67 -0.07 -1.08	13.62 -0.09 -1.36	16.22 -0.40 -1.66	21.22 -0.61 -1.41	21.57 -0.82 -2.37	23.51 -1.07 -2.32	17.21 -0.42 -1.97	12.68 -0.36 -2.14	10.19 -0.07 -2.54
GELCKHM___115KV_LOAD 80723	11.23 -0.12 -1.26	11.24 -0.12 -1.11	11.01 -0.14 -1.04	10.86 -0.14 -0.95	11.57 -0.13 -0.95	14.01 -0.17 -0.86	20.83 -0.24 -0.96	25.08 -0.30 -0.68	18.53 -0.30 -0.93	15.38 -0.26 -0.47	15.23 -0.24 -0.29	13.94 -0.22 -0.40	12.40 -0.18 -0.54	12.68 -0.18 -0.55	12.25 -0.15 -0.58	12.16 -0.14 -0.64	13.00 -0.15 -0.81	15.76 -0.19 -0.98	21.01 -0.25 -0.83	21.16 -0.26 -1.41	23.33 -0.27 -1.35	16.59 -0.16 -1.08	12.03 -0.14 -1.27	9.18 -0.05 -1.51
GENERAL___MILLS 23808	12.13 -0.09 -2.13	12.05 -0.07 -1.86	11.76 -0.11 -1.75	11.52 -0.13 -1.60	12.23 -0.12 -1.61	14.56 -0.21 -1.45	21.31 -0.42 -1.62	24.94 -0.91 -1.16	18.73 -0.75 -1.58	15.37 -0.59 -0.79	15.13 -0.55 -0.50	14.04 -0.40 -0.68	12.65 -0.30 -0.91	12.97 -0.27 -0.93	12.64 -0.17 -0.99	12.64 -0.10 -1.08	13.58 -0.12 -1.36	16.16 -0.46 -1.66	21.13 -0.69 -1.40	21.50 -0.88 -2.37	23.44 -1.13 -2.32	17.16 -0.47 -1.96	12.65 -0.39 -2.14	10.17 -0.09 -2.54
GE_PLASTICS___DRP 24183	24.86 0.38 -14.39	23.24 0.40 -12.58	22.35 0.39 -11.84	21.28 0.39 -10.84	22.03 0.42 -10.87	23.64 0.51 -9.81	31.75 0.74 -10.89	33.37 0.89 -7.78	29.19 0.66 -10.63	21.04 0.55 -5.33	19.09 0.56 -3.34	18.82 0.51 -4.55	18.59 0.45 -6.09	18.89 0.46 -6.22	18.89 0.45 -6.62	19.42 0.44 -7.31	21.99 0.48 -9.16	26.71 0.55 -11.19	30.66 0.76 -9.49	36.80 0.76 -16.03	40.06 0.82 -16.99	33.38 0.61 -17.10	25.76 0.43 -14.43	25.16 0.29 -17.15
GILBOA___1 23756	21.80 0.31 -11.40	20.54 0.32 -9.97	19.81 0.31 -9.38	18.95 0.31 -8.59	19.69 0.33 -8.61	21.49 0.40 -7.77	29.35 0.60 -8.64	31.58 0.72 -6.17	26.90 0.57 -8.43	19.88 0.49 -4.23	18.32 0.49 -2.65	17.82 0.45 -3.61	17.28 0.40 -4.83	17.67 0.42 -4.93	17.47 0.40 -5.25	17.87 0.41 -5.80	20.03 0.42 -7.26	24.33 0.49 -8.88	28.61 0.67 -7.52	33.29 0.58 -12.70	35.12 0.60 -12.27	26.23 0.50 -10.06	22.67 0.34 -11.43	21.56 0.25 -13.59
GILBOA___2 23757	21.80 0.31 -11.40	20.54 0.32 -9.97	19.81 0.31 -9.38	18.95 0.31 -8.59	19.69 0.33 -8.61	21.49 0.40 -7.77	29.35 0.60 -8.64	31.58 0.72 -6.17	26.90 0.57 -8.43	19.88 0.49 -4.23	18.32 0.49 -2.65	17.82 0.45 -3.61	17.28 0.40 -4.83	17.67 0.42 -4.93	17.47 0.40 -5.25	17.87 0.41 -5.80	20.03 0.42 -7.26	24.33 0.49 -8.88	28.61 0.67 -7.52	33.29 0.58 -12.70	35.12 0.60 -12.27	26.23 0.50 -10.06	22.67 0.34 -11.43	21.56 0.25 -13.59
GILBOA___3 23758	21.80 0.31 -11.40	20.54 0.32 -9.97	19.81 0.31 -9.38	18.95 0.31 -8.59	19.69 0.33 -8.61	21.49 0.40 -7.77	29.35 0.60 -8.64	31.58 0.72 -6.17	26.90 0.57 -8.43	19.88 0.49 -4.23	18.32 0.49 -2.65	17.82 0.45 -3.61	17.28 0.40 -4.83	17.67 0.42 -4.93	17.47 0.40 -5.25	17.87 0.41 -5.80	20.03 0.42 -7.26	24.33 0.49 -8.88	28.61 0.67 -7.52	33.29 0.58 -12.70	35.12 0.60 -12.27	26.23 0.50 -10.06	22.67 0.34 -11.43	21.56 0.25 -13.59
GILBOA___4 23759	21.80 0.31 -11.40	20.54 0.32 -9.97	19.81 0.31 -9.38	18.95 0.31 -8.59	19.69 0.33 -8.61	21.49 0.40 -7.77	29.35 0.60 -8.64	31.58 0.72 -6.17	26.90 0.57 -8.43	19.88 0.49 -4.23	18.32 0.49 -2.65	17.82 0.45 -3.61	17.28 0.40 -4.83	17.67 0.42 -4.93	17.47 0.40 -5.25	17.87 0.41 -5.80	20.03 0.42 -7.26	24.33 0.49 -8.88	28.61 0.67 -7.52	33.29 0.58 -12.70	35.12 0.60 -12.27	26.23 0.50 -10.06	22.67 0.34 -11.43	21.56 0.25 -13.59
GILBOA___ 23599	21.80 0.31 -11.40	20.54 0.32 -9.97	19.81 0.31 -9.38	18.95 0.31 -8.59	19.69 0.33 -8.61	21.49 0.40 -7.77	29.35 0.60 -8.64	31.58 0.72 -6.17	26.90 0.57 -8.43	19.88 0.49 -4.23	18.32 0.49 -2.65	17.82 0.45 -3.61	17.28 0.40 -4.83	17.67 0.42 -4.93	17.47 0.40 -5.25	17.87 0.41 -5.80	20.03 0.42 -7.26	24.34 0.49 -8.88	28.61 0.67 -7.52	33.27 0.56 -12.70	35.13 0.60 -12.27	26.22 0.49 -10.06	22.67 0.34 -11.43	21.56 0.25 -13.59
GINNA___ 23603	11.14 -0.49 -1.55	11.11 -0.50 -1.35	10.87 -0.52 -1.27	10.70 -0.51 -1.17	11.39 -0.53 -1.17	13.70 -0.68 -1.05	20.22 -1.07 -1.17	24.15 -1.38 -0.84	17.91 -1.13 -1.14	14.80 -0.94 -0.57	14.63 -0.91 -0.36	13.45 -0.80 -0.49	12.03 -0.67 -0.66	12.31 -0.68 -0.67	11.93 -0.60 -0.71	11.85 -0.59 -0.79	12.71 -0.62 -0.99	15.27 -0.90 -1.20	20.24 -1.20 -1.02	20.53 -1.20 -1.72	22.54 -1.38 -1.67	16.24 -0.80 -1.37	11.87 -0.59 -1.55	9.23 -0.34 -1.84
GLEN PARK___ 23778	11.01 0.16 -0.76	11.06 0.14 -0.66	10.88 0.14 -0.62	10.78 0.16 -0.57	11.50 0.18 -0.57	14.12 0.28 -0.52	21.21 0.52 -0.57	25.77 0.67 -0.41	18.72 0.27 -0.56	15.60 0.15 -0.28	15.50 0.14 -0.18	14.04 0.04 -0.24	12.35 -0.02 -0.32	12.57 -0.07 -0.33	12.07 -0.09 -0.35	11.98 -0.07 -0.39	12.74 -0.09 -0.48	15.69 0.13 -0.59	21.33 0.41 -0.50	21.45 0.60 -0.84	23.70 0.78 -0.67	16.19 0.28 -0.24	11.86 0.20 -0.76	8.77 0.14 -0.90
GLENDALE_27_KV_LOAD 356172	22.77 0.69 -11.99	21.39 0.65 -10.49	20.60 0.62 -9.87	19.70 0.61 -9.04	20.44 0.63 -9.06	22.25 0.75 -8.17	30.41 1.21 -9.09	32.70 1.51 -6.49	28.18 1.41 -8.87	20.84 1.23 -4.45	19.23 1.26 -2.79	18.71 1.16 -3.79	18.19 1.06 -5.08	18.60 1.10 -5.19	18.42 1.08 -5.52	18.82 1.06 -6.10	21.01 1.02 -7.64	25.56 1.26 -9.34	29.98 1.65 -7.91	34.81 1.44 -13.36	36.90 1.58 -13.07	27.69 0.97 -11.05	23.65 0.72 -12.03	22.56 0.54 -14.29

GLENWOOD_IC_1_G5 23712	25.49 0.79 -14.61	22.92 0.77 -11.89	22.37 0.74 -11.52	22.38 0.73 -11.60	22.97 0.77 -11.45	29.26 0.93 -15.00	30.65 1.45 -9.09	32.82 1.63 -6.49	29.27 1.54 -9.84	23.07 1.32 -6.59	24.05 1.28 -7.59	22.67 1.18 -7.72	22.13 1.06 -9.02	22.34 1.11 -8.91	25.50 1.11 -12.57	26.26 1.10 -13.51	26.73 1.11 -13.27	29.12 1.32 -12.83	31.03 1.76 -8.86	36.16 1.46 -14.69	42.60 1.62 -18.72	31.45 1.16 -14.62	27.79 0.84 -16.05	25.47 0.61 -17.14
GLENWOOD_IC_2_G1 23688	25.43 0.73 -14.61	22.87 0.72 -11.89	22.32 0.69 -11.52	22.33 0.68 -11.60	22.92 0.72 -11.45	29.19 0.87 -15.00	30.55 1.35 -9.09	32.75 1.56 -6.49	29.17 1.43 -9.84	23.00 1.24 -6.59	24.02 1.25 -7.59	22.62 1.14 -7.72	22.10 1.04 -9.02	22.30 1.07 -8.91	25.43 1.04 -12.57	26.19 1.03 -13.51	26.65 1.04 -13.27	29.03 1.23 -12.83	30.91 1.63 -8.85	36.14 1.44 -14.69	42.60 1.62 -18.72	31.37 1.08 -14.62	27.74 0.79 -16.05	25.43 0.56 -17.14
GLENWOOD_IC_3_G1 23689	25.43 0.73 -14.61	22.87 0.72 -11.89	22.32 0.69 -11.52	22.33 0.68 -11.60	22.92 0.72 -11.45	29.19 0.87 -15.00	30.55 1.35 -9.09	32.75 1.56 -6.49	29.17 1.43 -9.84	23.00 1.24 -6.59	24.02 1.25 -7.59	22.62 1.14 -7.72	22.10 1.04 -9.02	22.30 1.07 -8.91	25.43 1.04 -12.57	26.19 1.03 -13.51	26.65 1.04 -13.27	29.03 1.23 -12.83	30.91 1.63 -8.85	36.14 1.44 -14.69	42.60 1.62 -18.72	31.37 1.08 -14.62	27.74 0.79 -16.05	25.43 0.56 -17.14
GLENWOOD___4 23550	25.49 0.79 -14.61	22.92 0.77 -11.89	22.37 0.74 -11.52	22.38 0.73 -11.60	22.97 0.77 -11.45	29.26 0.93 -15.00	30.65 1.45 -9.09	32.82 1.63 -6.49	29.27 1.54 -9.84	23.07 1.32 -6.59	24.08 1.31 -7.59	22.68 1.20 -7.72	22.15 1.08 -9.02	22.35 1.12 -8.91	25.50 1.11 -12.57	26.26 1.10 -13.51	26.73 1.11 -13.27	29.12 1.32 -12.83	31.03 1.76 -8.86	36.20 1.50 -14.69	42.64 1.67 -18.72	31.45 1.16 -14.62	27.79 0.84 -16.05	25.47 0.61 -17.14
GLENWOOD___5 23614	25.49 0.79 -14.61	22.92 0.77 -11.89	22.37 0.74 -11.52	22.38 0.73 -11.60	22.97 0.77 -11.45	29.26 0.93 -15.00	30.65 1.45 -9.09	32.82 1.63 -6.49	29.27 1.54 -9.84	23.07 1.32 -6.59	24.08 1.31 -7.59	22.68 1.20 -7.72	22.15 1.08 -9.02	22.35 1.12 -8.91	25.50 1.11 -12.57	26.26 1.10 -13.51	26.73 1.11 -13.27	29.12 1.32 -12.83	31.03 1.76 -8.86	36.20 1.50 -14.69	42.64 1.67 -18.72	31.45 1.16 -14.62	27.79 0.84 -16.05	25.47 0.61 -17.14
GLOBAL GREEN_PORT_GT1 23814	25.93 1.23 -14.61	23.39 1.24 -11.89	22.85 1.22 -11.52	22.86 1.22 -11.60	23.47 1.28 -11.45	29.90 1.57 -15.00	31.63 2.43 -9.09	33.76 2.57 -6.49	30.06 2.33 -9.84	23.71 1.96 -6.59	24.64 1.87 -7.59	23.20 1.72 -7.72	22.60 1.53 -9.02	22.78 1.55 -8.91	25.88 1.49 -12.57	26.66 1.49 -13.51	27.17 1.56 -13.27	29.75 1.94 -12.84	31.93 2.65 -8.86	37.24 2.54 -14.69	43.87 2.89 -18.72	32.20 1.91 -14.62	28.33 1.37 -16.05	25.83 0.97 -17.14
GLOBE___DSASP 323697	11.62 -0.44 -1.97	11.54 -0.44 -1.72	11.27 -0.47 -1.62	11.07 -0.46 -1.48	11.76 -0.47 -1.49	13.97 -0.69 -1.34	20.40 -1.21 -1.49	23.84 -1.93 -1.07	17.87 -1.49 -1.46	14.70 -1.20 -0.73	14.48 -1.15 -0.46	13.46 -0.92 -0.62	12.13 -0.75 -0.83	12.44 -0.73 -0.85	12.13 -0.59 -0.90	12.12 -0.54 -1.00	13.01 -0.58 -1.25	15.44 -1.05 -1.53	20.16 -1.55 -1.29	20.51 -1.68 -2.18	22.36 -2.02 -2.13	16.43 -1.03 -1.80	12.16 -0.71 -1.96	9.75 -0.31 -2.34
GOETHSLN___LBMP 323567	22.73 0.65 -11.99	21.35 0.61 -10.49	20.55 0.57 -9.87	19.65 0.56 -9.04	20.38 0.58 -9.06	22.21 0.71 -8.17	30.33 1.13 -9.09	32.57 1.38 -6.49	28.09 1.32 -8.87	20.80 1.18 -4.45	19.17 1.20 -2.79	18.66 1.10 -3.79	18.13 1.00 -5.08	18.55 1.05 -5.19	18.36 1.02 -5.52	18.77 1.00 -6.10	20.97 0.99 -7.64	25.49 1.18 -9.34	29.84 1.51 -7.91	34.67 1.30 -13.36	36.72 1.40 -13.07	27.63 0.91 -11.05	23.62 0.69 -12.03	22.52 0.50 -14.29
GOLAH___69_KV_TB 1_2 80279	11.76 0.07 -1.60	11.72 0.07 -1.40	11.46 0.03 -1.31	11.27 0.02 -1.20	12.00 0.05 -1.21	14.44 0.03 -1.09	21.28 -0.04 -1.21	25.41 -0.15 -0.86	18.79 -0.29 -1.18	15.49 -0.27 -0.59	15.31 -0.24 -0.37	14.10 -0.17 -0.50	12.59 -0.13 -0.68	12.90 -0.11 -0.69	12.50 -0.05 -0.73	12.41 -0.06 -0.81	13.31 -0.05 -1.02	15.97 -0.24 -1.24	21.17 -0.31 -1.05	21.47 -0.32 -1.78	23.62 -0.36 -1.72	17.07 -0.02 -1.42	12.48 -0.02 -1.60	9.70 0.08 -1.90
GOODYEAR_LAKE_HYD 323669	13.27 0.36 -2.82	13.07 0.35 -2.47	12.77 0.33 -2.32	12.52 0.34 -2.12	13.25 0.38 -2.13	15.73 0.48 -1.92	23.06 0.80 -2.14	27.24 1.01 -1.53	20.70 0.72 -2.09	16.76 0.55 -1.05	16.37 0.53 -0.66	15.11 0.45 -0.89	13.66 0.41 -1.20	13.94 0.39 -1.22	13.52 0.40 -1.30	13.51 0.41 -1.44	14.58 0.43 -1.80	17.75 0.58 -2.20	23.14 0.86 -1.86	23.97 0.82 -3.14	28.45 0.91 -5.29	25.36 0.60 -9.09	14.11 0.38 -2.83	11.36 0.28 -3.36
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	13.97 0.13 -3.74	13.66 0.13 -3.28	13.32 0.12 -3.08	12.99 0.12 -2.82	13.71 0.14 -2.83	16.02 0.15 -2.55	23.19 0.24 -2.84	26.92 0.20 -2.03	20.74 0.07 -2.77	16.60 0.05 -1.39	16.10 0.05 -0.87	15.00 0.06 -1.18	13.72 0.08 -1.59	14.03 0.09 -1.62	13.66 0.12 -1.73	13.71 0.14 -1.91	14.88 0.15 -2.39	18.00 0.12 -2.92	23.10 0.20 -2.47	24.32 0.14 -4.17	26.55 0.13 -4.17	19.54 0.17 -3.70	14.74 0.08 -3.76	12.30 0.12 -4.46
GOUDEY___7 23579	13.97 0.13 -3.74	13.67 0.14 -3.28	13.33 0.13 -3.08	12.99 0.12 -2.82	13.72 0.15 -2.83	16.04 0.16 -2.55	23.21 0.26 -2.84	26.92 0.20 -2.03	20.76 0.09 -2.77	16.62 0.06 -1.39	16.12 0.06 -0.87	15.02 0.07 -1.18	13.72 0.08 -1.59	14.04 0.10 -1.62	13.67 0.13 -1.73	13.71 0.14 -1.91	14.89 0.16 -2.39	18.02 0.13 -2.92	23.12 0.22 -2.47	24.34 0.16 -4.17	26.57 0.16 -4.17	19.55 0.19 -3.70	14.75 0.09 -3.76	12.31 0.12 -4.46
GOUDEY___8 23580	13.97 0.13 -3.74	13.66 0.13 -3.28	13.32 0.12 -3.08	12.99 0.12 -2.82	13.71 0.14 -2.83	16.02 0.15 -2.55	23.19 0.24 -2.84	26.92 0.20 -2.03	20.74 0.07 -2.77	16.60 0.05 -1.39	16.10 0.05 -0.87	15.00 0.06 -1.18	13.72 0.08 -1.59	14.03 0.09 -1.62	13.66 0.12 -1.73	13.71 0.14 -1.91	14.88 0.15 -2.39	18.00 0.12 -2.92	23.10 0.20 -2.47	24.32 0.14 -4.17	26.55 0.13 -4.17	19.54 0.17 -3.70	14.74 0.08 -3.76	12.30 0.12 -4.46
GOWANUS_GT1_1 24077	22.76 0.68 -11.99	21.38 0.64 -10.49	20.58 0.60 -9.87	19.68 0.59 -9.04	20.41 0.61 -9.06	22.20 0.71 -8.17	30.35 1.15 -9.09	32.60 1.41 -6.49	28.11 1.34 -8.87	20.77 1.15 -4.45	19.16 1.19 -2.79	18.66 1.10 -3.79	18.13 1.00 -5.08	18.55 1.05 -5.19	18.36 1.02 -5.52	18.78 1.01 -6.10	20.96 0.98 -7.64	25.53 1.23 -9.34	29.94 1.61 -7.91	34.73 1.36 -13.36	36.83 1.51 -13.07	27.64 0.92 -11.05	23.63 0.70 -12.03	22.55 0.53 -14.29
GOWANUS_GT1_2 24078	22.76 0.68 -11.99	21.38 0.64 -10.49	20.58 0.60 -9.87	19.68 0.59 -9.04	20.41 0.61 -9.06	22.20 0.71 -8.17	30.35 1.15 -9.09	32.60 1.41 -6.49	28.11 1.34 -8.87	20.77 1.15 -4.45	19.16 1.19 -2.79	18.66 1.10 -3.79	18.13 1.00 -5.08	18.55 1.05 -5.19	18.36 1.02 -5.52	18.78 1.01 -6.10	20.96 0.98 -7.64	25.53 1.23 -9.34	29.94 1.61 -7.91	34.73 1.36 -13.36	36.83 1.51 -13.07	27.64 0.92 -11.05	23.63 0.70 -12.03	22.55 0.53 -14.29

GOWANUS_GT1_3 24079	22.76 0.68 -11.99	21.38 0.64 -10.49	20.58 0.60 -9.87	19.68 0.59 -9.04	20.41 0.61 -9.06	22.20 0.71 -8.17	30.35 1.15 -9.09	32.60 1.41 -6.49	28.11 1.34 -8.87	20.77 1.15 -4.45	19.16 1.19 -2.79	18.66 1.10 -3.79	18.13 1.00 -5.08	18.55 1.05 -5.19	18.36 1.02 -5.52	18.78 1.01 -6.10	20.96 0.98 -7.64	25.53 1.23 -9.34	29.94 1.61 -7.91	34.73 1.36 -13.36	36.83 1.51 -13.07	27.64 0.92 -11.05	23.63 0.70 -12.03	22.55 0.53 -14.29
GOWANUS_GT1_4 24080	22.76 0.68 -11.99	21.38 0.64 -10.49	20.58 0.60 -9.87	19.68 0.59 -9.04	20.41 0.61 -9.06	22.20 0.71 -8.17	30.35 1.15 -9.09	32.60 1.41 -6.49	28.11 1.34 -8.87	20.77 1.15 -4.45	19.16 1.19 -2.79	18.66 1.10 -3.79	18.13 1.00 -5.08	18.55 1.05 -5.19	18.36 1.02 -5.52	18.78 1.01 -6.10	20.96 0.98 -7.64	25.53 1.23 -9.34	29.94 1.61 -7.91	34.73 1.36 -13.36	36.83 1.51 -13.07	27.64 0.92 -11.05	23.63 0.70 -12.03	22.55 0.53 -14.29
GOWANUS_GT1_5 24084	22.76 0.68 -11.99	21.38 0.64 -10.49	20.58 0.60 -9.87	19.68 0.59 -9.04	20.41 0.61 -9.06	22.20 0.71 -8.17	30.35 1.15 -9.09	32.60 1.41 -6.49	28.11 1.34 -8.87	20.77 1.15 -4.45	19.16 1.19 -2.79	18.66 1.10 -3.79	18.13 1.00 -5.08	18.55 1.05 -5.19	18.36 1.02 -5.52	18.78 1.01 -6.10	20.96 0.98 -7.64	25.53 1.23 -9.34	29.94 1.61 -7.91	34.73 1.36 -13.36	36.83 1.51 -13.07	27.64 0.92 -11.05	23.63 0.70 -12.03	22.55 0.53 -14.29
GOWANUS_GT1_6 24111	22.76 0.68 -11.99	21.38 0.64 -10.49	20.58 0.60 -9.87	19.68 0.59 -9.04	20.41 0.61 -9.06	22.20 0.71 -8.17	30.35 1.15 -9.09	32.60 1.41 -6.49	28.11 1.34 -8.87	20.77 1.15 -4.45	19.16 1.19 -2.79	18.66 1.10 -3.79	18.13 1.00 -5.08	18.55 1.05 -5.19	18.36 1.02 -5.52	18.78 1.01 -6.10	20.96 0.98 -7.64	25.53 1.23 -9.34	29.94 1.61 -7.91	34.73 1.36 -13.36	36.83 1.51 -13.07	27.64 0.92 -11.05	23.63 0.70 -12.03	22.55 0.53 -14.29
GOWANUS_GT1_7 24112	22.76 0.68 -11.99	21.38 0.64 -10.49	20.58 0.60 -9.87	19.68 0.59 -9.04	20.41 0.61 -9.06	22.20 0.71 -8.17	30.35 1.15 -9.09	32.60 1.41 -6.49	28.11 1.34 -8.87	20.77 1.15 -4.45	19.16 1.19 -2.79	18.66 1.10 -3.79	18.13 1.00 -5.08	18.55 1.05 -5.19	18.36 1.02 -5.52	18.78 1.01 -6.10	20.96 0.98 -7.64	25.53 1.23 -9.34	29.94 1.61 -7.91	34.73 1.36 -13.36	36.83 1.51 -13.07	27.64 0.92 -11.05	23.63 0.70 -12.03	22.55 0.53 -14.29
GOWANUS_GT1_8 24113	22.76 0.68 -11.99	21.38 0.64 -10.49	20.58 0.60 -9.87	19.68 0.59 -9.04	20.41 0.61 -9.06	22.20 0.71 -8.17	30.35 1.15 -9.09	32.60 1.41 -6.49	28.11 1.34 -8.87	20.77 1.15 -4.45	19.16 1.19 -2.79	18.66 1.10 -3.79	18.13 1.00 -5.08	18.55 1.05 -5.19	18.36 1.02 -5.52	18.78 1.01 -6.10	20.96 0.98 -7.64	25.53 1.23 -9.34	29.94 1.61 -7.91	34.73 1.36 -13.36	36.83 1.51 -13.07	27.64 0.92 -11.05	23.63 0.70 -12.03	22.55 0.53 -14.29
GOWANUS_GT2_1 24114	22.76 0.68 -11.99	21.38 0.64 -10.49	20.58 0.60 -9.87	19.68 0.59 -9.04	20.41 0.61 -9.06	22.20 0.71 -8.17	30.35 1.15 -9.09	32.60 1.41 -6.49	28.11 1.34 -8.87	20.77 1.15 -4.45	19.16 1.19 -2.79	18.66 1.10 -3.79	18.13 1.00 -5.08	18.55 1.05 -5.19	18.36 1.02 -5.52	18.78 1.01 -6.10	20.96 0.98 -7.64	25.53 1.23 -9.34	29.94 1.61 -7.91	34.73 1.36 -13.36	36.83 1.51 -13.07	27.64 0.92 -11.05	23.63 0.70 -12.03	22.55 0.53 -14.29
GOWANUS_GT2_2 24115	22.76 0.68 -11.99	21.38 0.64 -10.49	20.58 0.60 -9.87	19.68 0.59 -9.04	20.41 0.61 -9.06	22.20 0.71 -8.17	30.35 1.15 -9.09	32.60 1.41 -6.49	28.11 1.34 -8.87	20.77 1.15 -4.45	19.16 1.19 -2.79	18.66 1.10 -3.79	18.13 1.00 -5.08	18.55 1.05 -5.19	18.36 1.02 -5.52	18.78 1.01 -6.10	20.96 0.98 -7.64	25.53 1.23 -9.34	29.94 1.61 -7.91	34.73 1.36 -13.36	36.83 1.51 -13.07	27.64 0.92 -11.05	23.63 0.70 -12.03	22.55 0.53 -14.29
GOWANUS_GT2_3 24116	22.76 0.68 -11.99	21.38 0.64 -10.49	20.58 0.60 -9.87	19.68 0.59 -9.04	20.41 0.61 -9.06	22.20 0.71 -8.17	30.35 1.15 -9.09	32.60 1.41 -6.49	28.11 1.34 -8.87	20.77 1.15 -4.45	19.16 1.19 -2.79	18.66 1.10 -3.79	18.13 1.00 -5.08	18.55 1.05 -5.19	18.36 1.02 -5.52	18.78 1.01 -6.10	20.96 0.98 -7.64	25.53 1.23 -9.34	29.94 1.61 -7.91	34.73 1.36 -13.36	36.83 1.51 -13.07	27.64 0.92 -11.05	23.63 0.70 -12.03	22.55 0.53 -14.29
GOWANUS_GT2_4 24117	22.76 0.68 -11.99	21.38 0.64 -10.49	20.58 0.60 -9.87	19.68 0.59 -9.04	20.41 0.61 -9.06	22.20 0.71 -8.17	30.35 1.15 -9.09	32.60 1.41 -6.49	28.11 1.34 -8.87	20.77 1.15 -4.45	19.16 1.19 -2.79	18.66 1.10 -3.79	18.13 1.00 -5.08	18.55 1.05 -5.19	18.36 1.02 -5.52	18.78 1.01 -6.10	20.96 0.98 -7.64	25.53 1.23 -9.34	29.94 1.61 -7.91	34.73 1.36 -13.36	36.83 1.51 -13.07	27.64 0.92 -11.05	23.63 0.70 -12.03	22.55 0.53 -14.29
GOWANUS_GT2_5 24118	22.76 0.68 -11.99	21.38 0.64 -10.49	20.58 0.60 -9.87	19.68 0.59 -9.04	20.41 0.61 -9.06	22.20 0.71 -8.17	30.35 1.15 -9.09	32.60 1.41 -6.49	28.11 1.34 -8.87	20.77 1.15 -4.45	19.16 1.19 -2.79	18.66 1.10 -3.79	18.13 1.00 -5.08	18.55 1.05 -5.19	18.36 1.02 -5.52	18.78 1.01 -6.10	20.96 0.98 -7.64	25.53 1.23 -9.34	29.94 1.61 -7.91	34.73 1.36 -13.36	36.83 1.51 -13.07	27.64 0.92 -11.05	23.63 0.70 -12.03	22.55 0.53 -14.29
GOWANUS_GT2_6 24119	22.76 0.68 -11.99	21.38 0.64 -10.49	20.58 0.60 -9.87	19.68 0.59 -9.04	20.41 0.61 -9.06	22.20 0.71 -8.17	30.35 1.15 -9.09	32.60 1.41 -6.49	28.11 1.34 -8.87	20.77 1.15 -4.45	19.16 1.19 -2.79	18.66 1.10 -3.79	18.13 1.00 -5.08	18.55 1.05 -5.19	18.36 1.02 -5.52	18.78 1.01 -6.10	20.96 0.98 -7.64	25.53 1.23 -9.34	29.94 1.61 -7.91	34.73 1.36 -13.36	36.83 1.51 -13.07	27.64 0.92 -11.05	23.63 0.70 -12.03	22.55 0.53 -14.29
GOWANUS_GT2_7 24120	22.76 0.68 -11.99	21.38 0.64 -10.49	20.58 0.60 -9.87	19.68 0.59 -9.04	20.41 0.61 -9.06	22.20 0.71 -8.17	30.35 1.15 -9.09	32.60 1.41 -6.49	28.11 1.34 -8.87	20.77 1.15 -4.45	19.16 1.19 -2.79	18.66 1.10 -3.79	18.13 1.00 -5.08	18.55 1.05 -5.19	18.36 1.02 -5.52	18.78 1.01 -6.10	20.96 0.98 -7.64	25.53 1.23 -9.34	29.94 1.61 -7.91	34.73 1.36 -13.36	36.83 1.51 -13.07	27.64 0.92 -11.05	23.63 0.70 -12.03	22.55 0.53 -14.29
GOWANUS_GT2_8 24121	22.76 0.68 -11.99	21.38 0.64 -10.49	20.58 0.60 -9.87	19.68 0.59 -9.04	20.41 0.61 -9.06	22.20 0.71 -8.17	30.35 1.15 -9.09	32.60 1.41 -6.49	28.11 1.34 -8.87	20.77 1.15 -4.45	19.16 1.19 -2.79	18.66 1.10 -3.79	18.13 1.00 -5.08	18.55 1.05 -5.19	18.36 1.02 -5.52	18.78 1.01 -6.10	20.96 0.98 -7.64	25.53 1.23 -9.34	29.94 1.61 -7.91	34.73 1.36 -13.36	36.83 1.51 -13.07	27.64 0.92 -11.05	23.63 0.70 -12.03	22.55 0.53 -14.29
GOWANUS_GT3_1 24122	22.76 0.68 -11.99	21.38 0.64 -10.49	20.58 0.60 -9.87	19.68 0.59 -9.04	20.41 0.61 -9.06	22.20 0.71 -8.17	30.35 1.15 -9.09	32.60 1.41 -6.49	28.11 1.34 -8.87	20.77 1.15 -4.45	19.16 1.19 -2.79	18.66 1.10 -3.79	18.13 1.00 -5.08	18.55 1.05 -5.19	18.36 1.02 -5.52	18.78 1.01 -6.10	20.96 0.98 -7.64	25.53 1.23 -9.34	29.94 1.61 -7.91	34.73 1.36 -13.36	36.83 1.51 -13.07	27.64 0.92 -11.05	23.63 0.70 -12.03	22.55 0.53 -14.29

GOWANUS_GT3_2 24123	22.76 0.68 -11.99	21.38 0.64 -10.49	20.58 0.60 -9.87	19.68 0.59 -9.04	20.41 0.61 -9.06	22.20 0.71 -8.17	30.35 1.15 -9.09	32.60 1.41 -6.49	28.11 1.34 -8.87	20.77 1.15 -4.45	19.16 1.19 -2.79	18.66 1.10 -3.79	18.13 1.00 -5.08	18.55 1.05 -5.19	18.36 1.02 -5.52	18.78 1.01 -6.10	20.96 0.98 -7.64	25.53 1.23 -9.34	29.94 1.61 -7.91	34.73 1.36 -13.36	36.83 1.51 -13.07	27.64 0.92 -11.05	23.63 0.70 -12.03	22.55 0.53 -14.29
GOWANUS_GT3_3 24124	22.76 0.68 -11.99	21.38 0.64 -10.49	20.58 0.60 -9.87	19.68 0.59 -9.04	20.41 0.61 -9.06	22.20 0.71 -8.17	30.35 1.15 -9.09	32.60 1.41 -6.49	28.11 1.34 -8.87	20.77 1.15 -4.45	19.16 1.19 -2.79	18.66 1.10 -3.79	18.13 1.00 -5.08	18.55 1.05 -5.19	18.36 1.02 -5.52	18.78 1.01 -6.10	20.96 0.98 -7.64	25.53 1.23 -9.34	29.94 1.61 -7.91	34.73 1.36 -13.36	36.83 1.51 -13.07	27.64 0.92 -11.05	23.63 0.70 -12.03	22.55 0.53 -14.29
GOWANUS_GT3_4 24125	22.76 0.68 -11.99	21.38 0.64 -10.49	20.58 0.60 -9.87	19.68 0.59 -9.04	20.41 0.61 -9.06	22.20 0.71 -8.17	30.35 1.15 -9.09	32.60 1.41 -6.49	28.11 1.34 -8.87	20.77 1.15 -4.45	19.16 1.19 -2.79	18.66 1.10 -3.79	18.13 1.00 -5.08	18.55 1.05 -5.19	18.36 1.02 -5.52	18.78 1.01 -6.10	20.96 0.98 -7.64	25.53 1.23 -9.34	29.94 1.61 -7.91	34.73 1.36 -13.36	36.83 1.51 -13.07	27.64 0.92 -11.05	23.63 0.70 -12.03	22.55 0.53 -14.29
GOWANUS_GT3_5 24126	22.76 0.68 -11.99	21.38 0.64 -10.49	20.58 0.60 -9.87	19.68 0.59 -9.04	20.41 0.61 -9.06	22.20 0.71 -8.17	30.35 1.15 -9.09	32.60 1.41 -6.49	28.11 1.34 -8.87	20.77 1.15 -4.45	19.16 1.19 -2.79	18.66 1.10 -3.79	18.13 1.00 -5.08	18.55 1.05 -5.19	18.36 1.02 -5.52	18.78 1.01 -6.10	20.96 0.98 -7.64	25.53 1.23 -9.34	29.94 1.61 -7.91	34.73 1.36 -13.36	36.83 1.51 -13.07	27.64 0.92 -11.05	23.63 0.70 -12.03	22.55 0.53 -14.29
GOWANUS_GT3_6 24127	22.76 0.68 -11.99	21.38 0.64 -10.49	20.58 0.60 -9.87	19.68 0.59 -9.04	20.41 0.61 -9.06	22.20 0.71 -8.17	30.35 1.15 -9.09	32.60 1.41 -6.49	28.11 1.34 -8.87	20.77 1.15 -4.45	19.16 1.19 -2.79	18.66 1.10 -3.79	18.13 1.00 -5.08	18.55 1.05 -5.19	18.36 1.02 -5.52	18.78 1.01 -6.10	20.96 0.98 -7.64	25.53 1.23 -9.34	29.94 1.61 -7.91	34.73 1.36 -13.36	36.83 1.51 -13.07	27.64 0.92 -11.05	23.63 0.70 -12.03	22.55 0.53 -14.29
GOWANUS_GT3_7 24128	22.76 0.68 -11.99	21.38 0.64 -10.49	20.58 0.60 -9.87	19.68 0.59 -9.04	20.41 0.61 -9.06	22.20 0.71 -8.17	30.35 1.15 -9.09	32.60 1.41 -6.49	28.11 1.34 -8.87	20.77 1.15 -4.45	19.16 1.19 -2.79	18.66 1.10 -3.79	18.13 1.00 -5.08	18.55 1.05 -5.19	18.36 1.02 -5.52	18.78 1.01 -6.10	20.96 0.98 -7.64	25.53 1.23 -9.34	29.94 1.61 -7.91	34.73 1.36 -13.36	36.83 1.51 -13.07	27.64 0.92 -11.05	23.63 0.70 -12.03	22.55 0.53 -14.29
GOWANUS_GT3_8 24129	22.76 0.68 -11.99	21.38 0.64 -10.49	20.58 0.60 -9.87	19.68 0.59 -9.04	20.41 0.61 -9.06	22.20 0.71 -8.17	30.35 1.15 -9.09	32.60 1.41 -6.49	28.11 1.34 -8.87	20.77 1.15 -4.45	19.16 1.19 -2.79	18.66 1.10 -3.79	18.13 1.00 -5.08	18.55 1.05 -5.19	18.36 1.02 -5.52	18.78 1.01 -6.10	20.96 0.98 -7.64	25.53 1.23 -9.34	29.94 1.61 -7.91	34.73 1.36 -13.36	36.83 1.51 -13.07	27.64 0.92 -11.05	23.63 0.70 -12.03	22.55 0.53 -14.29
GOWANUS_GT4_1 24130	22.76 0.68 -11.99	21.38 0.64 -10.49	20.58 0.60 -9.87	19.68 0.59 -9.04	20.41 0.61 -9.06	22.20 0.71 -8.17	30.35 1.15 -9.09	32.60 1.41 -6.49	28.11 1.34 -8.87	20.77 1.15 -4.45	19.16 1.19 -2.79	18.66 1.10 -3.79	18.13 1.00 -5.08	18.55 1.05 -5.19	18.36 1.02 -5.52	18.78 1.01 -6.10	20.96 0.98 -7.64	25.53 1.23 -9.34	29.94 1.61 -7.91	34.73 1.36 -13.36	36.83 1.51 -13.07	27.64 0.92 -11.05	23.63 0.70 -12.03	22.55 0.53 -14.29
GOWANUS_GT4_2 24131	22.76 0.68 -11.99	21.38 0.64 -10.49	20.58 0.60 -9.87	19.68 0.59 -9.04	20.41 0.61 -9.06	22.20 0.71 -8.17	30.35 1.15 -9.09	32.60 1.41 -6.49	28.11 1.34 -8.87	20.77 1.15 -4.45	19.16 1.19 -2.79	18.66 1.10 -3.79	18.13 1.00 -5.08	18.55 1.05 -5.19	18.36 1.02 -5.52	18.78 1.01 -6.10	20.96 0.98 -7.64	25.53 1.23 -9.34	29.94 1.61 -7.91	34.73 1.36 -13.36	36.83 1.51 -13.07	27.64 0.92 -11.05	23.63 0.70 -12.03	22.55 0.53 -14.29
GOWANUS_GT4_3 24132	22.76 0.68 -11.99	21.38 0.64 -10.49	20.58 0.60 -9.87	19.68 0.59 -9.04	20.41 0.61 -9.06	22.20 0.71 -8.17	30.35 1.15 -9.09	32.60 1.41 -6.49	28.11 1.34 -8.87	20.77 1.15 -4.45	19.16 1.19 -2.79	18.66 1.10 -3.79	18.13 1.00 -5.08	18.55 1.05 -5.19	18.36 1.02 -5.52	18.78 1.01 -6.10	20.96 0.98 -7.64	25.53 1.23 -9.34	29.94 1.61 -7.91	34.73 1.36 -13.36	36.83 1.51 -13.07	27.64 0.92 -11.05	23.63 0.70 -12.03	22.55 0.53 -14.29
GOWANUS_GT4_4 24133	22.76 0.68 -11.99	21.38 0.64 -10.49	20.58 0.60 -9.87	19.68 0.59 -9.04	20.41 0.61 -9.06	22.20 0.71 -8.17	30.35 1.15 -9.09	32.60 1.41 -6.49	28.11 1.34 -8.87	20.77 1.15 -4.45	19.16 1.19 -2.79	18.66 1.10 -3.79	18.13 1.00 -5.08	18.55 1.05 -5.19	18.36 1.02 -5.52	18.78 1.01 -6.10	20.96 0.98 -7.64	25.53 1.23 -9.34	29.94 1.61 -7.91	34.73 1.36 -13.36	36.83 1.51 -13.07	27.64 0.92 -11.05	23.63 0.70 -12.03	22.55 0.53 -14.29
GOWANUS_GT4_5 24134	22.76 0.68 -11.99	21.38 0.64 -10.49	20.58 0.60 -9.87	19.68 0.59 -9.04	20.41 0.61 -9.06	22.20 0.71 -8.17	30.35 1.15 -9.09	32.60 1.41 -6.49	28.11 1.34 -8.87	20.77 1.15 -4.45	19.16 1.19 -2.79	18.66 1.10 -3.79	18.13 1.00 -5.08	18.55 1.05 -5.19	18.36 1.02 -5.52	18.78 1.01 -6.10	20.96 0.98 -7.64	25.53 1.23 -9.34	29.94 1.61 -7.91	34.73 1.36 -13.36	36.83 1.51 -13.07	27.64 0.92 -11.05	23.63 0.70 -12.03	22.55 0.53 -14.29
GOWANUS_GT4_6 24135	22.76 0.68 -11.99	21.38 0.64 -10.49	20.58 0.60 -9.87	19.68 0.59 -9.04	20.41 0.61 -9.06	22.20 0.71 -8.17	30.35 1.15 -9.09	32.60 1.41 -6.49	28.11 1.34 -8.87	20.77 1.15 -4.45	19.16 1.19 -2.79	18.66 1.10 -3.79	18.13 1.00 -5.08	18.55 1.05 -5.19	18.36 1.02 -5.52	18.78 1.01 -6.10	20.96 0.98 -7.64	25.53 1.23 -9.34	29.94 1.61 -7.91	34.73 1.36 -13.36	36.83 1.51 -13.07	27.64 0.92 -11.05	23.63 0.70 -12.03	22.55 0.53 -14.29
GOWANUS_GT4_7 24136	22.76 0.68 -11.99	21.38 0.64 -10.49	20.58 0.60 -9.87	19.68 0.59 -9.04	20.41 0.61 -9.06	22.20 0.71 -8.17	30.35 1.15 -9.09	32.60 1.41 -6.49	28.11 1.34 -8.87	20.77 1.15 -4.45	19.16 1.19 -2.79	18.66 1.10 -3.79	18.13 1.00 -5.08	18.55 1.05 -5.19	18.36 1.02 -5.52	18.78 1.01 -6.10	20.96 0.98 -7.64	25.53 1.23 -9.34	29.94 1.61 -7.91	34.73 1.36 -13.36	36.83 1.51 -13.07	27.64 0.92 -11.05	23.63 0.70 -12.03	22.55 0.53 -14.29
GOWANUS_GT4_8 24137	22.76 0.68 -11.99	21.38 0.64 -10.49	20.58 0.60 -9.87	19.68 0.59 -9.04	20.41 0.61 -9.06	22.20 0.71 -8.17	30.35 1.15 -9.09	32.60 1.41 -6.49	28.11 1.34 -8.87	20.77 1.15 -4.45	19.16 1.19 -2.79	18.66 1.10 -3.79	18.13 1.00 -5.08	18.55 1.05 -5.19	18.36 1.02 -5.52	18.78 1.01 -6.10	20.96 0.98 -7.64	25.53 1.23 -9.34	29.94 1.61 -7.91	34.73 1.36 -13.36	36.83 1.51 -13.07	27.64 0.92 -11.05	23.63 0.70 -12.03	22.55 0.53 -14.29

GREENBSH_115KV_TB3 55895	24.95 0.41 -14.45	23.33 0.44 -12.63	22.44 0.43 -11.89	21.37 0.43 -10.88	22.12 0.46 -10.91	23.74 0.57 -9.85	31.90 0.84 -10.94	33.50 0.99 -7.82	29.31 0.73 -10.69	21.13 0.61 -5.36	19.17 0.62 -3.36	18.90 0.56 -4.57	18.66 0.49 -6.12	19.07 0.51 -6.25	18.95 0.48 -6.65	19.50 0.49 -7.35	22.08 0.53 -9.20	26.80 0.60 -11.24	30.78 0.84 -9.52	36.94 0.84 -16.09	40.68 0.93 -17.49	34.82 0.69 -18.46	25.84 0.46 -14.48	25.24 0.31 -17.21
GREENDGE_115KV_TB5 80291	12.65 0.20 -2.36	12.53 0.22 -2.06	12.26 0.21 -1.94	12.03 0.20 -1.77	12.78 0.26 -1.78	15.25 0.32 -1.61	22.44 0.54 -1.79	26.51 0.54 -1.28	19.85 0.21 -1.74	16.15 0.11 -0.87	15.85 0.12 -0.55	14.60 0.10 -0.75	13.16 0.11 -1.00	13.44 0.10 -1.02	13.04 0.14 -1.09	13.02 0.16 -1.20	14.04 0.20 -1.50	17.00 0.19 -1.83	22.34 0.37 -1.55	23.00 0.36 -2.62	25.25 0.42 -2.58	18.22 0.34 -2.21	13.42 0.15 -2.36	10.72 0.19 -2.81
GREENIDGE___3 23582	12.65 0.20 -2.36	12.53 0.22 -2.06	12.26 0.21 -1.94	12.03 0.20 -1.77	12.78 0.26 -1.78	15.25 0.32 -1.61	22.44 0.54 -1.79	26.51 0.54 -1.28	19.85 0.21 -1.74	16.15 0.11 -0.87	15.85 0.12 -0.55	14.60 0.10 -0.75	13.16 0.11 -1.00	13.44 0.10 -1.02	13.04 0.14 -1.09	13.02 0.16 -1.20	14.04 0.20 -1.50	17.00 0.19 -1.83	22.34 0.37 -1.55	23.00 0.36 -2.62	25.25 0.42 -2.58	18.22 0.34 -2.21	13.42 0.15 -2.36	10.72 0.19 -2.81
GREENIDGE___4 23583	12.65 0.20 -2.36	12.53 0.22 -2.06	12.27 0.21 -1.94	12.03 0.20 -1.77	12.78 0.26 -1.78	15.25 0.32 -1.61	22.44 0.54 -1.78	26.51 0.54 -1.28	19.85 0.22 -1.74	16.15 0.11 -0.87	15.85 0.12 -0.55	14.61 0.10 -0.75	13.16 0.11 -1.00	13.44 0.10 -1.02	13.04 0.14 -1.09	13.02 0.16 -1.20	14.04 0.20 -1.50	16.99 0.19 -1.83	22.34 0.37 -1.55	23.00 0.36 -2.62	25.25 0.42 -2.58	18.22 0.34 -2.21	13.42 0.15 -2.36	10.72 0.19 -2.81
GREENLWN_69_KV_BK 3 55738	25.63 0.93 -14.61	23.07 0.92 -11.89	22.52 0.89 -11.52	22.53 0.88 -11.60	23.13 0.93 -11.45	29.47 1.15 -15.00	30.95 1.75 -9.09	33.02 1.83 -6.49	29.52 1.79 -9.84	23.30 1.55 -6.59	24.28 1.50 -7.59	22.87 1.39 -7.72	22.31 1.24 -9.02	22.51 1.28 -8.91	25.63 1.24 -12.57	26.39 1.22 -13.51	26.86 1.25 -13.27	29.29 1.48 -12.84	31.24 1.96 -8.86	36.51 1.80 -14.69	43.00 2.02 -18.73	31.63 1.33 -14.63	27.96 1.00 -16.05	25.59 0.73 -17.14
GREENWD_138_KV_38B11_REV_LBMP_J 345004	22.76 0.68 -11.99	21.38 0.64 -10.49	20.58 0.60 -9.87	19.68 0.59 -9.04	20.42 0.61 -9.06	22.21 0.71 -8.17	30.35 1.15 -9.09	32.57 1.38 -6.49	28.11 1.34 -8.87	20.77 1.15 -4.45	19.16 1.18 -2.79	18.66 1.10 -3.79	18.13 1.00 -5.08	18.55 1.05 -5.19	18.36 1.02 -5.52	18.78 1.01 -6.10	20.96 0.98 -7.64	25.53 1.23 -9.34	29.94 1.61 -7.91	34.77 1.40 -13.36	36.83 1.51 -13.07	27.64 0.92 -11.05	23.63 0.70 -12.03	22.55 0.53 -14.29
GRISSOM___SOLAR 323813	27.90 0.86 -16.95	25.93 0.85 -14.82	24.87 0.81 -13.95	23.65 0.83 -12.77	24.49 0.95 -12.80	26.10 1.23 -11.55	35.06 2.11 -12.84	36.44 2.57 -9.18	31.97 1.54 -12.54	22.56 1.11 -6.28	20.06 0.93 -3.95	19.92 0.78 -5.37	19.99 0.75 -7.19	20.37 0.71 -7.34	20.33 0.70 -7.82	21.03 0.74 -8.64	24.09 0.93 -10.82	29.44 1.26 -13.21	33.43 1.82 -11.19	40.96 2.04 -18.91	46.52 2.34 -21.93	43.08 1.69 -25.72	28.93 1.00 -17.02	28.58 0.66 -20.20
GROVEVILLE___HYD 323602	22.73 0.66 -11.98	21.38 0.65 -10.48	20.60 0.63 -9.86	19.70 0.62 -9.03	20.44 0.64 -9.05	22.24 0.75 -8.16	30.39 1.21 -9.07	32.66 1.48 -6.48	28.01 1.25 -8.86	20.66 1.05 -4.44	19.00 1.03 -2.79	18.49 0.94 -3.79	17.98 0.86 -5.08	18.37 0.87 -5.18	18.18 0.85 -5.52	18.62 0.86 -6.10	20.87 0.89 -7.63	25.31 1.02 -9.33	29.71 1.39 -7.90	34.64 1.28 -13.34	36.73 1.40 -13.08	27.72 0.94 -11.11	23.61 0.70 -12.01	22.48 0.48 -14.28
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	11.41 -0.06 -1.38	11.41 -0.05 -1.21	11.19 -0.06 -1.14	11.02 -0.07 -1.04	11.74 -0.05 -1.04	14.20 -0.07 -0.94	21.08 -0.08 -1.05	25.35 -0.10 -0.75	18.76 -0.16 -1.02	15.51 -0.17 -0.51	15.37 -0.14 -0.32	14.08 -0.12 -0.44	12.54 -0.10 -0.59	12.81 -0.11 -0.60	12.37 -0.08 -0.64	12.29 -0.07 -0.70	13.15 -0.07 -0.88	15.94 -0.10 -1.08	21.23 -0.10 -0.91	21.45 -0.10 -1.54	23.65 -0.09 -1.48	16.84 -0.03 -1.20	12.23 -0.07 -1.39	9.37 0.00 -1.65
HAMLTNNY_34_KV_TB 80303	11.51 -0.04 -1.46	11.50 -0.03 -1.27	11.27 -0.04 -1.20	11.11 -0.04 -1.10	11.82 -0.02 -1.10	14.29 -0.03 -0.99	21.20 -0.02 -1.10	25.44 -0.05 -0.79	18.85 -0.13 -1.08	15.57 -0.14 -0.54	15.40 -0.12 -0.34	14.11 -0.11 -0.46	12.59 -0.07 -0.62	12.86 -0.09 -0.63	12.43 -0.06 -0.67	12.34 -0.06 -0.74	13.22 -0.05 -0.93	16.01 -0.09 -1.13	21.30 -0.08 -0.96	21.57 -0.06 -1.62	23.77 -0.04 -1.57	16.94 0.00 -1.28	12.32 -0.04 -1.46	9.48 0.02 -1.74
HAMPSHIRE___PAPER_HYD 323593	10.44 -0.03 -0.38	10.55 -0.04 -0.34	10.40 -0.03 -0.32	10.32 -0.02 -0.29	11.02 -0.01 -0.29	13.63 0.04 -0.26	20.51 0.10 -0.29	25.08 0.17 -0.21	18.20 0.02 -0.28	15.25 -0.06 -0.14	15.18 -0.09 -0.09	13.75 -0.14 -0.12	11.96 -0.25 -0.16	12.19 -0.30 -0.17	11.60 -0.39 -0.18	11.46 -0.40 -0.20	12.19 -0.40 -0.24	14.95 -0.32 -0.30	20.37 -0.31 -0.25	20.28 -0.16 -0.43	22.52 -0.07 -0.34	15.60 -0.19 -0.12	11.25 -0.04 -0.38	8.15 -0.03 -0.46
HARDSCRABBLE_WT_PWR 323673	10.25 0.16 0.00	10.43 0.17 0.00	10.29 0.17 0.00	10.23 0.18 0.00	10.95 0.20 0.00	13.59 0.27 0.00	20.54 0.42 0.00	25.22 0.52 0.00	18.25 0.36 0.00	15.42 0.26 0.00	15.44 0.26 0.00	14.00 0.23 0.00	12.25 0.20 0.00	12.50 0.19 0.00	12.01 0.19 0.00	11.86 0.20 0.00	12.55 0.21 0.00	15.25 0.28 0.00	20.85 0.43 0.00	20.43 0.42 0.00	22.74 0.49 0.00	15.96 0.30 0.00	11.09 0.19 0.00	7.84 0.12 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	22.01 0.63 -11.29	20.75 0.62 -9.87	19.99 0.59 -9.29	19.15 0.59 -8.51	19.89 0.61 -8.53	21.74 0.72 -7.70	29.83 1.17 -8.55	32.22 1.41 -6.11	27.48 1.23 -8.35	20.39 1.03 -4.19	18.83 1.02 -2.63	18.27 0.94 -3.57	17.69 0.86 -4.79	18.09 0.89 -4.88	17.88 0.86 -5.20	18.27 0.86 -5.75	20.43 0.89 -7.20	24.79 1.03 -8.79	29.26 1.39 -7.45	33.85 1.26 -12.58	35.94 1.38 -12.31	27.01 0.92 -10.42	22.90 0.68 -11.32	21.65 0.47 -13.46
HARSNRAD_115KV_TB1 81005	11.83 -0.21 -1.95	11.77 -0.19 -1.71	11.49 -0.23 -1.60	11.27 -0.25 -1.47	11.97 -0.25 -1.47	14.25 -0.40 -1.33	20.84 -0.74 -1.47	24.39 -1.36 -1.05	18.24 -1.09 -1.44	15.02 -0.86 -0.72	14.82 -0.82 -0.45	13.75 -0.63 -0.61	12.38 -0.49 -0.82	12.70 -0.46 -0.84	12.37 -0.34 -0.90	12.37 -0.28 -0.99	13.27 -0.32 -1.24	15.77 -0.72 -1.52	20.63 -1.08 -1.29	20.92 -1.26 -2.17	22.84 -1.54 -2.12	16.77 -0.67 -1.78	12.36 -0.50 -1.96	9.89 -0.15 -2.32
HARZA MOOSE___RIVER 24016	10.75 0.17 -0.49	10.84 0.15 -0.43	10.67 0.15 -0.40	10.58 0.16 -0.37	11.31 0.19 -0.37	13.92 0.27 -0.33	20.94 0.46 -0.37	25.58 0.62 -0.26	18.60 0.34 -0.36	15.54 0.20 -0.18	15.48 0.18 -0.11	14.03 0.11 -0.15	12.32 0.06 -0.21	12.57 0.04 -0.21	12.05 0.01 -0.22	11.93 0.02 -0.25	12.70 0.05 -0.31	15.54 0.19 -0.38	21.13 0.39 -0.32	21.03 0.48 -0.54	23.28 0.60 -0.43	16.09 0.27 -0.15	11.58 0.19 -0.49	8.44 0.13 -0.58

HDSNBRDG_115KV_BRDG_TB1 355580	11.25 -0.11 -1.27	11.25 -0.11 -1.11	11.04 -0.11 -1.04	10.88 -0.12 -0.95	11.59 -0.11 -0.96	14.04 -0.15 -0.86	20.87 -0.20 -0.96	25.11 -0.27 -0.68	18.58 -0.25 -0.94	15.39 -0.24 -0.47	15.27 -0.21 -0.29	13.97 -0.19 -0.40	12.43 -0.16 -0.54	12.71 -0.16 -0.55	12.27 -0.13 -0.58	12.19 -0.12 -0.64	13.03 -0.12 -0.81	15.77 -0.18 -0.99	21.03 -0.22 -0.83	21.20 -0.22 -1.41	23.38 -0.22 -1.35	16.62 -0.13 -1.08	12.05 -0.12 -1.27	9.19 -0.05 -1.51
HELLGATE_13_KV_LD 55870	22.73 0.65 -11.99	21.35 0.61 -10.49	20.56 0.58 -9.87	19.66 0.57 -9.04	20.39 0.59 -9.06	22.18 0.68 -8.17	30.31 1.11 -9.09	32.57 1.38 -6.49	28.07 1.31 -8.87	20.77 1.15 -4.45	19.16 1.18 -2.79	18.66 1.10 -3.79	18.13 1.00 -5.08	18.55 1.05 -5.19	18.36 1.02 -5.52	18.77 1.00 -6.10	20.95 0.96 -7.64	25.49 1.18 -9.34	29.86 1.53 -7.91	34.71 1.34 -13.36	36.77 1.45 -13.07	27.61 0.89 -11.05	23.61 0.68 -12.03	22.53 0.51 -14.29
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	22.73 0.65 -11.99	21.35 0.61 -10.49	20.56 0.58 -9.87	19.66 0.57 -9.04	20.39 0.59 -9.06	22.18 0.68 -8.17	30.31 1.11 -9.09	32.57 1.38 -6.49	28.07 1.31 -8.87	20.77 1.15 -4.45	19.16 1.18 -2.79	18.66 1.10 -3.79	18.13 1.00 -5.08	18.55 1.05 -5.19	18.36 1.02 -5.52	18.77 1.00 -6.10	20.95 0.96 -7.64	25.49 1.18 -9.34	29.86 1.53 -7.91	34.71 1.34 -13.36	36.77 1.45 -13.07	27.61 0.89 -11.05	23.61 0.68 -12.03	22.53 0.51 -14.29
HEMPSTEAD____ 23647	25.49 0.79 -14.61	22.93 0.78 -11.89	22.38 0.75 -11.52	22.39 0.74 -11.60	22.98 0.78 -11.45	29.27 0.95 -15.00	30.67 1.47 -9.09	32.77 1.58 -6.49	29.27 1.54 -9.84	23.09 1.34 -6.59	24.08 1.31 -7.59	22.68 1.20 -7.72	22.15 1.08 -9.02	22.35 1.12 -8.91	25.48 1.09 -12.57	26.24 1.07 -13.51	26.70 1.09 -13.27	29.09 1.29 -12.84	30.99 1.72 -8.85	36.22 1.52 -14.69	42.69 1.71 -18.72	31.43 1.14 -14.62	27.79 0.84 -16.05	25.47 0.61 -17.14
HEWLETT__69_KV_BK3 55828	25.60 0.90 -14.61	23.04 0.89 -11.89	22.48 0.85 -11.52	22.49 0.84 -11.60	23.09 0.89 -11.45	29.40 1.08 -15.00	30.85 1.65 -9.09	32.92 1.73 -6.49	29.45 1.72 -9.84	23.24 1.49 -6.59	24.25 1.47 -7.59	22.83 1.35 -7.72	22.28 1.22 -9.02	22.49 1.26 -8.91	25.60 1.21 -12.57	26.36 1.19 -13.51	26.81 1.20 -13.27	29.24 1.44 -12.83	31.18 1.90 -8.86	36.44 1.74 -14.69	42.93 1.96 -18.72	31.58 1.28 -14.62	27.91 0.96 -16.05	25.56 0.70 -17.14
HICKLING__1 23621	13.29 0.18 -3.01	13.10 0.21 -2.64	12.79 0.19 -2.48	12.49 0.17 -2.27	13.24 0.21 -2.28	15.62 0.24 -2.05	22.78 0.38 -2.28	26.60 0.27 -1.63	20.22 0.09 -2.23	16.32 0.03 -1.12	15.95 0.06 -0.70	14.80 0.08 -0.95	13.44 0.11 -1.28	13.73 0.11 -1.30	13.37 0.17 -1.39	13.39 0.20 -1.53	14.48 0.21 -1.92	17.45 0.13 -2.35	22.63 0.22 -1.99	23.51 0.14 -3.36	25.68 0.11 -3.32	18.73 0.19 -2.88	13.98 0.05 -3.02	11.46 0.15 -3.59
HICKLING__2 23622	13.29 0.18 -3.01	13.10 0.21 -2.64	12.79 0.19 -2.48	12.49 0.17 -2.27	13.24 0.21 -2.28	15.62 0.24 -2.05	22.78 0.38 -2.28	26.60 0.27 -1.63	20.22 0.09 -2.23	16.32 0.03 -1.12	15.95 0.06 -0.70	14.80 0.08 -0.95	13.44 0.11 -1.28	13.73 0.11 -1.30	13.37 0.17 -1.39	13.39 0.20 -1.53	14.48 0.21 -1.92	17.45 0.13 -2.35	22.63 0.22 -1.99	23.51 0.14 -3.36	25.68 0.11 -3.32	18.73 0.19 -2.88	13.98 0.05 -3.02	11.46 0.15 -3.59
HIGH FALLS__HY 23754	22.23 0.63 -11.52	20.93 0.61 -10.07	20.17 0.58 -9.48	19.30 0.57 -8.68	20.02 0.58 -8.70	21.83 0.65 -7.85	29.94 1.11 -8.72	32.29 1.36 -6.23	27.63 1.22 -8.52	20.44 1.00 -4.27	18.85 0.99 -2.68	18.30 0.89 -3.64	17.75 0.82 -4.88	18.16 0.86 -4.98	17.96 0.84 -5.30	18.38 0.86 -5.86	20.56 0.88 -7.34	24.95 1.02 -8.96	29.43 1.41 -7.59	34.08 1.24 -12.83	36.37 1.34 -12.78	27.82 0.86 -11.29	23.12 0.67 -11.55	21.90 0.45 -13.73
HILLBURN__GT 23639	22.20 0.64 -11.47	20.91 0.62 -10.03	20.15 0.60 -9.44	19.29 0.59 -8.65	20.02 0.61 -8.67	21.88 0.73 -7.82	29.97 1.17 -8.69	32.34 1.43 -6.21	27.64 1.25 -8.49	20.50 1.08 -4.26	18.93 1.08 -2.67	18.38 0.99 -3.63	17.82 0.90 -4.86	18.22 0.94 -4.96	18.01 0.91 -5.28	18.40 0.90 -5.84	20.57 0.91 -7.31	24.98 1.08 -8.93	29.42 1.43 -7.57	34.06 1.26 -12.78	36.18 1.43 -12.51	27.19 0.94 -10.58	23.10 0.69 -11.51	21.89 0.49 -13.68
HILLSIDE_115KV_TB1 80332	13.25 0.06 -3.10	13.04 0.07 -2.71	12.73 0.06 -2.55	12.44 0.05 -2.34	13.16 0.08 -2.34	15.51 0.07 -2.11	22.56 0.10 -2.35	26.30 -0.07 -1.68	20.05 -0.14 -2.30	16.18 -0.14 -1.15	15.78 -0.12 -0.72	14.66 -0.08 -0.98	13.33 -0.04 -1.32	13.64 -0.02 -1.34	13.28 0.04 -1.43	13.30 0.06 -1.58	14.38 0.06 -1.98	17.34 -0.04 -2.41	22.43 -0.04 -2.05	23.35 -0.12 -3.46	25.47 -0.20 -3.42	18.64 0.00 -2.97	13.95 -0.07 -3.11	11.47 0.05 -3.70
HISHELDN_WT_PWR 323625	12.27 -0.11 -2.29	12.16 -0.09 -2.00	11.87 -0.12 -1.88	11.63 -0.14 -1.72	12.34 -0.13 -1.73	14.66 -0.23 -1.56	21.40 -0.44 -1.73	25.05 -0.89 -1.24	18.85 -0.73 -1.69	15.42 -0.59 -0.85	15.17 -0.55 -0.53	14.08 -0.41 -0.72	12.71 -0.31 -0.97	13.03 -0.28 -0.99	12.68 -0.19 -1.06	12.69 -0.14 -1.17	13.64 -0.16 -1.46	16.29 -0.46 -1.78	21.24 -0.69 -1.51	21.70 -0.86 -2.55	23.62 -1.13 -2.50	17.28 -0.52 -2.13	12.75 -0.45 -2.30	10.29 -0.16 -2.72
HOLTSVILLE_IC_1 23690	25.62 0.92 -14.61	23.06 0.91 -11.89	22.52 0.89 -11.52	22.53 0.88 -11.60	23.12 0.92 -11.45	29.46 1.13 -15.00	30.93 1.73 -9.09	32.89 1.70 -6.49	29.49 1.75 -9.84	23.26 1.50 -6.59	24.20 1.43 -7.59	22.80 1.32 -7.72	22.26 1.19 -9.02	22.45 1.22 -8.91	25.55 1.16 -12.57	26.32 1.15 -13.51	26.80 1.19 -13.27	29.21 1.41 -12.84	31.16 1.88 -8.86	36.44 1.74 -14.69	42.95 1.98 -18.72	31.56 1.27 -14.62	27.91 0.96 -16.05	25.56 0.70 -17.14
HOLTSVILLE_IC_10 23699	25.67 0.97 -14.61	23.11 0.96 -11.89	22.57 0.94 -11.52	22.58 0.93 -11.60	23.17 0.98 -11.45	29.52 1.20 -15.00	31.03 1.83 -9.09	33.04 1.85 -6.49	29.58 1.84 -9.84	23.33 1.58 -6.59	24.26 1.49 -7.59	22.87 1.39 -7.72	22.31 1.24 -9.02	22.51 1.28 -8.91	25.61 1.22 -12.57	26.39 1.22 -13.51	26.86 1.25 -13.27	29.30 1.50 -12.84	31.30 2.02 -8.86	36.58 1.88 -14.69	43.11 2.14 -18.72	31.69 1.39 -14.62	27.99 1.04 -16.05	25.61 0.74 -17.14
HOLTSVILLE_IC_2 23691	25.62 0.92 -14.61	23.06 0.91 -11.89	22.52 0.89 -11.52	22.53 0.88 -11.60	23.12 0.92 -11.45	29.46 1.13 -15.00	30.93 1.73 -9.09	32.89 1.70 -6.49	29.49 1.75 -9.84	23.26 1.50 -6.59	24.20 1.43 -7.59	22.80 1.32 -7.72	22.26 1.19 -9.02	22.45 1.22 -8.91	25.55 1.16 -12.57	26.32 1.15 -13.51	26.80 1.19 -13.27	29.21 1.41 -12.84	31.16 1.88 -8.86	36.44 1.74 -14.69	42.95 1.98 -18.72	31.56 1.27 -14.62	27.91 0.96 -16.05	25.56 0.70 -17.14
HOLTSVILLE_IC_3 23692	25.62 0.92 -14.61	23.06 0.91 -11.89	22.52 0.89 -11.52	22.53 0.88 -11.60	23.12 0.92 -11.45	29.46 1.13 -15.00	30.93 1.73 -9.09	32.89 1.70 -6.49	29.49 1.75 -9.84	23.26 1.50 -6.59	24.20 1.43 -7.59	22.80 1.32 -7.72	22.26 1.19 -9.02	22.45 1.22 -8.91	25.55 1.16 -12.57	26.32 1.15 -13.51	26.80 1.19 -13.27	29.21 1.41 -12.84	31.16 1.88 -8.86	36.44 1.74 -14.69	42.95 1.98 -18.72	31.56 1.27 -14.62	27.91 0.96 -16.05	25.56 0.70 -17.14

HOLTSVILLE_IC_4 23693	25.62 0.92 -14.61	23.06 0.91 -11.89	22.52 0.89 -11.52	22.53 0.88 -11.60	23.12 0.92 -11.45	29.46 1.13 -15.00	30.93 1.73 -9.09	32.89 1.70 -6.49	29.49 1.75 -9.84	23.26 1.50 -6.59	24.20 1.43 -7.59	22.80 1.32 -7.72	22.26 1.19 -9.02	22.45 1.22 -8.91	25.55 1.16 -12.57	26.32 1.15 -13.51	26.80 1.19 -13.27	29.21 1.41 -12.84	31.16 1.88 -8.86	36.44 1.74 -14.69	42.95 1.98 -18.72	31.56 1.27 -14.62	27.91 0.96 -16.05	25.56 0.70 -17.14
HOLTSVILLE_IC_5 23694	25.62 0.92 -14.61	23.06 0.91 -11.89	22.52 0.89 -11.52	22.53 0.88 -11.60	23.12 0.92 -11.45	29.46 1.13 -15.00	30.93 1.73 -9.09	32.89 1.70 -6.49	29.49 1.75 -9.84	23.26 1.50 -6.59	24.20 1.43 -7.59	22.80 1.32 -7.72	22.26 1.19 -9.02	22.45 1.22 -8.91	25.55 1.16 -12.57	26.32 1.15 -13.51	26.80 1.19 -13.27	29.21 1.41 -12.84	31.16 1.88 -8.86	36.44 1.74 -14.69	42.95 1.98 -18.72	31.56 1.27 -14.62	27.91 0.96 -16.05	25.56 0.70 -17.14
HOLTSVILLE_IC_6 23695	25.67 0.97 -14.61	23.11 0.96 -11.89	22.57 0.94 -11.52	22.58 0.93 -11.60	23.17 0.98 -11.45	29.52 1.20 -15.00	31.03 1.83 -9.09	33.04 1.85 -6.49	29.58 1.84 -9.84	23.33 1.58 -6.59	24.26 1.49 -7.59	22.87 1.39 -7.72	22.31 1.24 -9.02	22.51 1.28 -8.91	25.61 1.22 -12.57	26.39 1.22 -13.51	26.86 1.25 -13.27	29.30 1.50 -12.84	31.30 2.02 -8.86	36.58 1.88 -14.69	43.11 2.14 -18.72	31.69 1.39 -14.62	27.99 1.04 -16.05	25.61 0.74 -17.14
HOLTSVILLE_IC_7 23696	25.67 0.97 -14.61	23.11 0.96 -11.89	22.57 0.94 -11.52	22.58 0.93 -11.60	23.17 0.98 -11.45	29.52 1.20 -15.00	31.03 1.83 -9.09	33.04 1.85 -6.49	29.58 1.84 -9.84	23.33 1.58 -6.59	24.26 1.49 -7.59	22.87 1.39 -7.72	22.31 1.24 -9.02	22.51 1.28 -8.91	25.61 1.22 -12.57	26.39 1.22 -13.51	26.86 1.25 -13.27	29.30 1.50 -12.84	31.30 2.02 -8.86	36.58 1.88 -14.69	43.11 2.14 -18.72	31.69 1.39 -14.62	27.99 1.04 -16.05	25.61 0.74 -17.14
HOLTSVILLE_IC_8 23697	25.67 0.97 -14.61	23.11 0.96 -11.89	22.57 0.94 -11.52	22.58 0.93 -11.60	23.17 0.98 -11.45	29.52 1.20 -15.00	31.03 1.83 -9.09	33.04 1.85 -6.49	29.58 1.84 -9.84	23.33 1.58 -6.59	24.26 1.49 -7.59	22.87 1.39 -7.72	22.31 1.24 -9.02	22.51 1.28 -8.91	25.61 1.22 -12.57	26.39 1.22 -13.51	26.86 1.25 -13.27	29.30 1.50 -12.84	31.30 2.02 -8.86	36.58 1.88 -14.69	43.11 2.14 -18.72	31.69 1.39 -14.62	27.99 1.04 -16.05	25.61 0.74 -17.14
HOLTSVILLE_IC_9 23698	25.67 0.97 -14.61	23.11 0.96 -11.89	22.57 0.94 -11.52	22.58 0.93 -11.60	23.17 0.98 -11.45	29.52 1.20 -15.00	31.03 1.83 -9.09	33.04 1.85 -6.49	29.58 1.84 -9.84	23.33 1.58 -6.59	24.26 1.49 -7.59	22.87 1.39 -7.72	22.31 1.24 -9.02	22.51 1.28 -8.91	25.61 1.22 -12.57	26.39 1.22 -13.51	26.86 1.25 -13.27	29.30 1.50 -12.84	31.30 2.02 -8.86	36.58 1.88 -14.69	43.11 2.14 -18.72	31.69 1.39 -14.62	27.99 1.04 -16.05	25.61 0.74 -17.14
HOMER_HL_115KV_TB2 355744	12.33 -0.10 -2.34	12.22 -0.08 -2.04	11.93 -0.11 -1.92	11.68 -0.13 -1.76	12.40 -0.11 -1.77	14.74 -0.17 -1.59	21.65 -0.24 -1.78	25.32 -0.64 -1.27	19.06 -0.57 -1.73	15.54 -0.50 -0.87	15.26 -0.47 -0.55	14.12 -0.39 -0.74	12.75 -0.29 -0.99	13.07 -0.26 -1.01	12.73 -0.17 -1.08	12.73 -0.12 -1.19	13.71 -0.12 -1.49	16.41 -0.37 -1.82	21.45 -0.51 -1.54	21.94 -0.68 -2.60	23.90 -0.91 -2.56	17.44 -0.41 -2.18	12.87 -0.38 -2.34	10.39 -0.12 -2.79
HOWARD_WT_PWR 323690	13.05 0.53 -2.43	12.95 0.57 -2.12	12.68 0.57 -2.00	12.42 0.54 -1.83	13.22 0.64 -1.83	15.79 0.81 -1.65	23.30 1.35 -1.84	27.47 1.46 -1.31	20.46 0.77 -1.80	16.60 0.53 -0.90	16.28 0.53 -0.56	14.98 0.45 -0.77	13.50 0.42 -1.03	13.80 0.43 -1.05	13.40 0.46 -1.12	13.40 0.50 -1.24	14.43 0.54 -1.55	17.50 0.64 -1.89	23.04 1.02 -1.60	23.74 1.02 -2.70	26.02 1.11 -2.66	18.72 0.77 -2.28	13.74 0.40 -2.43	10.99 0.38 -2.89
HQ_GEN_CEDARS 23644	9.95 -0.14 0.00	10.11 -0.14 0.00	10.00 -0.11 0.00	9.94 -0.11 0.00	10.62 -0.13 0.00	13.20 -0.12 0.00	19.89 -0.22 0.00	24.50 -0.20 0.00	17.70 -0.20 0.00	14.99 -0.18 0.00	15.00 -0.18 0.00	13.56 -0.21 0.00	11.78 -0.27 0.00	12.05 -0.27 0.00	11.46 -0.35 0.00	11.26 -0.40 0.00	11.95 -0.40 0.00	14.59 -0.37 0.00	19.93 -0.49 0.00	19.65 -0.36 0.00	21.87 -0.38 0.00	15.34 -0.33 0.00	10.74 -0.16 0.00	7.59 -0.13 0.00
HQ_GEN_CEDARS_PROXY 323590	9.95 -0.14 0.00	10.11 -0.14 0.00	10.00 -0.11 0.00	9.94 -0.11 0.00	10.62 -0.13 0.00	13.20 -0.12 0.00	19.89 -0.22 0.00	24.50 -0.20 0.00	17.70 -0.20 0.00	14.99 -0.18 0.00	15.00 -0.18 0.00	13.56 -0.21 0.00	11.78 -0.27 0.00	12.05 -0.27 0.00	11.46 -0.35 0.00	11.26 -0.40 0.00	11.95 -0.40 0.00	14.59 -0.37 0.00	19.93 -0.49 0.00	19.65 -0.36 0.00	20.81 -0.38 1.06	16.40 -0.33 -1.06	10.74 -0.16 0.00	7.59 -0.13 0.00
HQ_GEN_IMPORT 323601	9.92 -0.17 0.00	10.08 -0.17 0.00	9.95 -0.16 0.00	9.89 -0.16 0.00	10.56 -0.18 0.00	13.11 -0.21 0.00	19.77 -0.34 0.00	24.30 -0.40 0.00	17.61 -0.29 0.00	14.94 -0.23 0.00	14.94 -0.24 0.00	13.54 -0.22 0.00	11.84 -0.20 0.00	12.11 -0.21 0.00	11.59 -0.22 0.00	11.43 -0.23 0.00	12.10 -0.25 0.00	14.70 -0.27 0.00	20.03 -0.39 0.00	19.67 -0.34 0.00	20.81 -0.38 1.06	16.43 -0.30 -1.06	10.72 -0.19 0.00	7.58 -0.15 0.00
HQ_GEN_WHEEL 23651	9.92 -0.17 0.00	10.08 -0.17 0.00	9.95 -0.16 0.00	9.89 -0.16 0.00	10.56 -0.18 0.00	13.11 -0.21 0.00	19.77 -0.34 0.00	24.30 -0.40 0.00	17.61 -0.29 0.00	14.94 -0.23 0.00	14.94 -0.24 0.00	13.54 -0.22 0.00	11.84 -0.20 0.00	12.11 -0.21 0.00	11.59 -0.22 0.00	11.43 -0.23 0.00	12.10 -0.25 0.00	14.70 -0.27 0.00	20.03 -0.39 0.00	19.67 -0.34 0.00	20.81 -0.38 1.06	16.43 -0.30 -1.06	10.72 -0.19 0.00	7.58 -0.15 0.00
HUDSON_AVE_GT_3 23810	22.75 0.67 -11.99	21.38 0.64 -10.49	20.59 0.61 -9.87	19.69 0.60 -9.04	20.43 0.62 -9.06	22.26 0.76 -8.17	30.41 1.21 -9.09	32.70 1.51 -6.49	28.15 1.38 -8.87	20.81 1.20 -4.45	19.19 1.22 -2.79	18.67 1.11 -3.79	18.14 1.01 -5.08	18.57 1.06 -5.19	18.37 1.03 -5.52	18.78 1.01 -6.10	21.00 1.01 -7.64	25.52 1.21 -9.34	29.90 1.57 -7.91	34.73 1.36 -13.36	36.83 1.51 -13.07	27.69 0.97 -11.05	23.65 0.72 -12.03	22.54 0.53 -14.29
HUDSON_AVE_GT_4 23540	22.75 0.67 -11.99	21.38 0.64 -10.49	20.59 0.61 -9.87	19.69 0.60 -9.04	20.43 0.62 -9.06	22.26 0.76 -8.17	30.41 1.21 -9.09	32.70 1.51 -6.49	28.15 1.38 -8.87	20.81 1.20 -4.45	19.19 1.22 -2.79	18.67 1.11 -3.79	18.14 1.01 -5.08	18.57 1.06 -5.19	18.37 1.03 -5.52	18.78 1.01 -6.10	21.00 1.01 -7.64	25.52 1.21 -9.34	29.90 1.57 -7.91	34.73 1.36 -13.36	36.83 1.51 -13.07	27.69 0.97 -11.05	23.65 0.72 -12.03	22.54 0.53 -14.29
HUDSON_AVE_GT_5 23657	22.75 0.67 -11.99	21.38 0.64 -10.49	20.59 0.61 -9.87	19.69 0.60 -9.04	20.43 0.62 -9.06	22.26 0.76 -8.17	30.41 1.21 -9.09	32.70 1.51 -6.49	28.15 1.38 -8.87	20.81 1.20 -4.45	19.19 1.22 -2.79	18.67 1.11 -3.79	18.14 1.01 -5.08	18.57 1.06 -5.19	18.37 1.03 -5.52	18.78 1.01 -6.10	21.00 1.01 -7.64	25.52 1.21 -9.34	29.90 1.57 -7.91	34.73 1.36 -13.36	36.83 1.51 -13.07	27.69 0.97 -11.05	23.65 0.72 -12.03	22.54 0.53 -14.29

HUDSON_AVE_10 24168	22.72 0.64 -11.99	21.35 0.61 -10.49	20.55 0.57 -9.87	19.65 0.56 -9.04	20.38 0.58 -9.06	22.22 0.72 -8.17	30.35 1.15 -9.09	32.60 1.41 -6.49	28.11 1.34 -8.87	20.78 1.17 -4.45	19.13 1.15 -2.79	18.63 1.07 -3.79	18.11 0.98 -5.08	18.53 1.02 -5.19	18.33 0.99 -5.52	18.74 0.98 -6.10	20.95 0.96 -7.64	25.47 1.17 -9.34	29.84 1.51 -7.91	34.69 1.32 -13.36	36.75 1.42 -13.07	27.63 0.91 -11.05	23.62 0.69 -12.03	22.52 0.50 -14.29
HUDSON___115KV_TB 4 355613	24.65 0.49 -14.07	23.07 0.51 -12.30	22.20 0.51 -11.58	21.16 0.51 -10.60	21.92 0.55 -10.63	23.58 0.67 -9.59	31.81 1.05 -10.65	33.54 1.23 -7.61	29.16 0.86 -10.40	21.00 0.62 -5.21	19.08 0.62 -3.27	18.75 0.54 -4.45	18.49 0.48 -5.96	18.88 0.48 -6.08	18.75 0.46 -6.48	19.29 0.48 -7.15	21.86 0.56 -8.96	26.55 0.64 -10.94	30.66 0.96 -9.27	36.68 1.00 -15.67	40.05 1.11 -16.68	33.43 0.83 -16.93	25.56 0.56 -14.10	24.84 0.35 -16.76
HUNTER MOUNT___DRP 323613	24.23 0.48 -13.66	22.71 0.51 -11.94	21.86 0.51 -11.24	20.84 0.50 -10.29	21.60 0.54 -10.31	23.27 0.64 -9.31	31.52 1.07 -10.34	33.32 1.23 -7.39	28.82 0.82 -10.10	20.79 0.56 -5.06	18.90 0.55 -3.17	18.55 0.47 -4.32	18.24 0.41 -5.79	18.63 0.41 -5.90	18.48 0.38 -6.29	19.01 0.41 -6.94	21.54 0.49 -8.70	26.16 0.57 -10.62	30.32 0.90 -9.00	36.18 0.96 -15.21	39.29 1.07 -15.97	32.26 0.83 -15.77	25.15 0.56 -13.69	24.32 0.32 -16.27
HUNTINGTON_RES_REC 323705	25.65 0.95 -14.61	23.08 0.93 -11.89	22.54 0.91 -11.52	22.55 0.90 -11.60	23.15 0.96 -11.45	29.48 1.16 -15.00	30.99 1.79 -9.09	33.02 1.83 -6.49	29.54 1.81 -9.84	23.30 1.55 -6.59	24.26 1.49 -7.59	22.86 1.38 -7.72	22.30 1.23 -9.02	22.50 1.27 -8.91	25.61 1.22 -12.57	26.38 1.21 -13.51	26.85 1.23 -13.27	29.30 1.50 -12.84	31.28 2.00 -8.86	36.56 1.86 -14.69	43.07 2.09 -18.73	31.66 1.36 -14.63	27.97 1.01 -16.05	25.60 0.73 -17.14
HUNTLEY___63 23557	11.94 -0.16 -2.01	11.88 -0.13 -1.76	11.60 -0.17 -1.65	11.37 -0.19 -1.51	12.09 -0.17 -1.52	14.39 -0.31 -1.37	20.97 -0.64 -1.50	24.51 -1.26 -1.07	18.39 -0.97 -1.47	15.13 -0.77 -0.73	14.93 -0.71 -0.46	13.84 -0.55 -0.63	12.48 -0.41 -0.84	12.79 -0.38 -0.86	12.45 -0.28 -0.91	12.48 -0.20 -1.02	13.40 -0.22 -1.28	15.93 -0.60 -1.57	20.85 -0.90 -1.33	21.17 -1.08 -2.24	23.08 -1.36 -2.19	16.93 -0.58 -1.84	12.48 -0.44 -2.02	10.01 -0.11 -2.39
HUNTLEY___64 23558	11.94 -0.16 -2.01	11.88 -0.13 -1.76	11.60 -0.17 -1.65	11.37 -0.19 -1.51	12.09 -0.17 -1.52	14.39 -0.31 -1.37	20.97 -0.64 -1.50	24.51 -1.26 -1.07	18.39 -0.97 -1.47	15.13 -0.77 -0.73	14.93 -0.71 -0.46	13.84 -0.55 -0.63	12.48 -0.41 -0.84	12.79 -0.38 -0.86	12.45 -0.28 -0.91	12.48 -0.20 -1.02	13.40 -0.22 -1.28	15.93 -0.60 -1.57	20.85 -0.90 -1.33	21.17 -1.08 -2.24	23.08 -1.36 -2.19	16.93 -0.58 -1.84	12.48 -0.44 -2.02	10.01 -0.11 -2.39
HUNTLEY___65 23559	11.94 -0.16 -2.01	11.88 -0.13 -1.76	11.60 -0.17 -1.65	11.37 -0.19 -1.51	12.09 -0.17 -1.52	14.39 -0.31 -1.37	20.97 -0.64 -1.50	24.51 -1.26 -1.07	18.39 -0.97 -1.47	15.13 -0.77 -0.73	14.93 -0.71 -0.46	13.84 -0.55 -0.63	12.48 -0.41 -0.84	12.79 -0.38 -0.86	12.45 -0.28 -0.91	12.48 -0.20 -1.02	13.40 -0.22 -1.28	15.93 -0.60 -1.57	20.85 -0.90 -1.33	21.17 -1.08 -2.24	23.08 -1.36 -2.19	16.93 -0.58 -1.84	12.48 -0.44 -2.02	10.01 -0.11 -2.39
HUNTLEY___66 23560	11.94 -0.16 -2.01	11.88 -0.13 -1.76	11.60 -0.17 -1.65	11.37 -0.19 -1.51	12.09 -0.17 -1.52	14.39 -0.31 -1.37	20.97 -0.64 -1.50	24.51 -1.26 -1.07	18.39 -0.97 -1.47	15.13 -0.77 -0.73	14.93 -0.71 -0.46	13.84 -0.55 -0.63	12.48 -0.41 -0.84	12.79 -0.38 -0.86	12.45 -0.28 -0.91	12.48 -0.20 -1.02	13.40 -0.22 -1.28	15.93 -0.60 -1.57	20.85 -0.90 -1.33	21.17 -1.08 -2.24	23.08 -1.36 -2.19	16.93 -0.58 -1.84	12.48 -0.44 -2.02	10.01 -0.11 -2.39
HUNTLEY___67 23561	11.94 -0.19 -2.04	11.87 -0.17 -1.79	11.58 -0.21 -1.68	11.36 -0.23 -1.54	12.06 -0.23 -1.54	14.36 -0.36 -1.39	21.00 -0.66 -1.55	24.57 -1.23 -1.11	18.43 -0.98 -1.52	15.14 -0.79 -0.76	14.92 -0.74 -0.48	13.85 -0.56 -0.65	12.47 -0.45 -0.87	12.80 -0.41 -0.89	12.47 -0.30 -0.94	12.47 -0.23 -1.04	13.38 -0.27 -1.30	15.92 -0.64 -1.59	20.81 -0.96 -1.35	21.15 -1.14 -2.28	23.08 -1.40 -2.23	16.93 -0.61 -1.88	12.49 -0.47 -2.05	10.02 -0.14 -2.44
HUNTLEY___68 23562	11.94 -0.19 -2.04	11.87 -0.17 -1.79	11.58 -0.21 -1.68	11.36 -0.23 -1.54	12.06 -0.23 -1.54	14.36 -0.36 -1.39	21.00 -0.66 -1.55	24.57 -1.23 -1.11	18.43 -0.98 -1.52	15.14 -0.79 -0.76	14.92 -0.74 -0.48	13.85 -0.56 -0.65	12.47 -0.45 -0.87	12.80 -0.41 -0.89	12.47 -0.30 -0.94	12.47 -0.23 -1.04	13.38 -0.27 -1.30	15.92 -0.64 -1.59	20.81 -0.96 -1.35	21.15 -1.14 -2.28	23.08 -1.40 -2.23	16.93 -0.61 -1.88	12.49 -0.47 -2.05	10.02 -0.14 -2.44
HYLAND___LFG 323620	12.69 0.60 -2.01	12.63 0.62 -1.75	12.37 0.61 -1.65	12.15 0.59 -1.51	12.96 0.70 -1.52	15.57 0.88 -1.37	22.94 1.31 -1.52	27.21 1.43 -1.09	19.90 0.52 -1.48	16.09 0.18 -0.74	15.82 0.17 -0.47	14.44 0.04 -0.63	12.97 0.07 -0.85	13.31 0.12 -0.87	12.97 0.22 -0.92	12.94 0.26 -1.02	13.91 0.28 -1.28	17.02 0.49 -1.56	22.62 0.88 -1.32	23.35 1.10 -2.23	25.73 1.29 -2.18	18.50 0.99 -1.84	13.50 0.59 -2.01	10.61 0.49 -2.39
INDECK___CORINTH 23802	25.62 0.49 -15.04	23.90 0.49 -13.15	22.97 0.48 -12.38	21.86 0.48 -11.33	22.64 0.54 -11.36	24.27 0.69 -10.25	32.67 1.17 -11.39	34.25 1.41 -8.14	29.94 0.91 -11.13	21.43 0.68 -5.58	19.34 0.65 -3.50	19.09 0.56 -4.76	18.95 0.52 -6.38	19.35 0.52 -6.51	19.23 0.47 -6.94	19.80 0.48 -7.66	22.51 0.57 -9.60	27.40 0.70 -11.73	31.35 1.00 -9.93	37.93 1.14 -16.78	44.26 1.33 -20.67	43.03 0.99 -26.37	26.61 0.60 -15.10	26.03 0.38 -17.92
INDECK___ILION 23567	10.20 0.11 0.00	10.37 0.11 0.00	10.23 0.11 0.00	10.16 0.11 0.00	10.87 0.13 0.00	13.48 0.16 0.00	20.37 0.26 0.00	25.02 0.32 0.00	18.11 0.21 0.00	15.33 0.17 0.00	15.34 0.15 0.00	13.90 0.14 0.00	12.17 0.12 0.00	12.43 0.11 0.00	11.94 0.12 0.00	11.79 0.13 0.00	12.48 0.14 0.00	15.15 0.18 0.00	20.71 0.29 0.00	20.29 0.28 0.00	22.56 0.31 0.00	15.87 0.20 0.00	11.02 0.12 0.00	7.81 0.08 0.00
INDECK___OLEAN 23982	12.33 -0.10 -2.34	12.22 -0.08 -2.04	11.93 -0.11 -1.92	11.68 -0.13 -1.76	12.40 -0.11 -1.77	14.74 -0.17 -1.59	21.64 -0.24 -1.77	25.32 -0.64 -1.27	19.05 -0.57 -1.73	15.53 -0.50 -0.87	15.26 -0.47 -0.55	14.12 -0.39 -0.74	12.75 -0.29 -0.99	13.07 -0.26 -1.01	12.73 -0.17 -1.08	12.74 -0.12 -1.19	13.72 -0.12 -1.49	16.42 -0.37 -1.82	21.46 -0.51 -1.55	21.90 -0.72 -2.61	23.90 -0.91 -2.56	17.43 -0.42 -2.18	12.87 -0.38 -2.35	10.39 -0.12 -2.79
INDECK___OSWEGO 23783	10.99 -0.23 -1.13	11.01 -0.24 -0.99	10.81 -0.24 -0.93	10.66 -0.24 -0.85	11.36 -0.24 -0.86	13.79 -0.31 -0.77	20.53 -0.44 -0.86	24.74 -0.57 -0.61	18.25 -0.48 -0.84	15.16 -0.42 -0.42	15.04 -0.41 -0.26	13.75 -0.37 -0.36	12.22 -0.31 -0.48	12.48 -0.33 -0.49	12.03 -0.31 -0.52	11.95 -0.29 -0.58	12.76 -0.31 -0.72	15.46 -0.39 -0.88	20.68 -0.49 -0.75	20.79 -0.48 -1.26	22.94 -0.51 -1.20	16.29 -0.33 -0.95	11.78 -0.26 -1.14	8.93 -0.15 -1.35

INDECK___YERKES 23781	11.95 -0.15 -2.01	11.89 -0.12 -1.76	11.61 -0.16 -1.65	11.38 -0.18 -1.51	12.10 -0.16 -1.52	14.41 -0.28 -1.37	21.01 -0.62 -1.52	24.53 -1.26 -1.09	18.43 -0.95 -1.49	15.17 -0.74 -0.75	14.95 -0.70 -0.46	13.87 -0.52 -0.63	12.49 -0.40 -0.84	12.81 -0.37 -0.86	12.46 -0.27 -0.91	12.48 -0.19 -1.01	13.40 -0.21 -1.26	15.93 -0.58 -1.54	20.85 -0.88 -1.31	21.16 -1.06 -2.21	23.08 -1.33 -2.16	16.92 -0.58 -1.83	12.47 -0.43 -1.99	10.01 -0.11 -2.39
INDIAN POINT_GT_1 24139	22.60 0.62 -11.89	21.26 0.60 -10.40	20.48 0.58 -9.79	19.58 0.57 -8.96	20.33 0.60 -8.98	22.15 0.72 -8.11	30.25 1.13 -9.01	32.52 1.38 -6.44	27.91 1.22 -8.80	20.62 1.05 -4.41	19.00 1.05 -2.77	18.49 0.96 -3.76	17.97 0.88 -5.04	18.37 0.91 -5.14	18.18 0.89 -5.48	18.59 0.87 -6.05	20.80 0.88 -7.58	25.27 1.05 -9.26	29.63 1.37 -7.84	34.48 1.22 -13.25	36.57 1.36 -12.96	27.54 0.91 -10.96	23.48 0.65 -11.92	22.38 0.48 -14.17
INDIAN POINT_GT_2 23659	22.60 0.62 -11.89	21.26 0.60 -10.40	20.48 0.58 -9.79	19.58 0.57 -8.96	20.33 0.60 -8.98	22.15 0.72 -8.11	30.25 1.13 -9.01	32.52 1.38 -6.44	27.91 1.22 -8.80	20.62 1.05 -4.41	19.00 1.05 -2.77	18.49 0.96 -3.76	17.97 0.88 -5.04	18.37 0.91 -5.14	18.18 0.89 -5.48	18.59 0.87 -6.05	20.80 0.88 -7.58	25.27 1.05 -9.26	29.63 1.37 -7.84	34.48 1.22 -13.25	36.57 1.36 -12.96	27.54 0.91 -10.96	23.48 0.65 -11.92	22.38 0.48 -14.17
INDIAN POINT_GT_3 24019	22.60 0.62 -11.89	21.26 0.60 -10.40	20.48 0.58 -9.79	19.58 0.57 -8.96	20.33 0.60 -8.98	22.15 0.72 -8.11	30.25 1.13 -9.01	32.52 1.38 -6.44	27.91 1.22 -8.80	20.62 1.05 -4.41	19.00 1.05 -2.77	18.49 0.96 -3.76	17.97 0.88 -5.04	18.37 0.91 -5.14	18.18 0.89 -5.48	18.59 0.87 -6.05	20.80 0.88 -7.58	25.27 1.05 -9.26	29.63 1.37 -7.84	34.48 1.22 -13.25	36.57 1.36 -12.96	27.54 0.91 -10.96	23.48 0.65 -11.92	22.38 0.48 -14.17
INDIAN POINT___2 23530	22.46 0.62 -11.75	21.13 0.59 -10.28	20.36 0.58 -9.67	19.48 0.57 -8.86	20.21 0.59 -8.88	22.05 0.72 -8.01	30.14 1.13 -8.91	32.44 1.38 -6.36	27.81 1.22 -8.70	20.57 1.05 -4.36	18.96 1.05 -2.73	18.46 0.98 -3.72	17.91 0.88 -4.98	18.31 0.91 -5.08	18.12 0.89 -5.41	18.53 0.89 -5.98	20.72 0.89 -7.49	25.17 1.05 -9.15	29.56 1.39 -7.75	34.33 1.22 -13.09	36.44 1.38 -12.81	27.41 0.91 -10.84	23.34 0.65 -11.79	22.20 0.47 -14.01
INDIAN POINT___3 23531	22.59 0.61 -11.90	21.26 0.59 -10.40	20.47 0.57 -9.79	19.59 0.57 -8.96	20.32 0.59 -8.99	22.14 0.71 -8.11	30.25 1.13 -9.01	32.52 1.38 -6.44	27.90 1.20 -8.80	20.63 1.05 -4.41	19.00 1.05 -2.77	18.49 0.96 -3.76	17.96 0.87 -5.04	18.36 0.90 -5.15	18.18 0.89 -5.48	18.59 0.87 -6.05	20.80 0.88 -7.58	25.26 1.03 -9.26	29.64 1.37 -7.85	34.51 1.24 -13.25	36.58 1.36 -12.97	27.52 0.89 -10.96	23.49 0.65 -11.93	22.38 0.47 -14.18
INGHAM_C_115KV_TB7 356103	10.28 0.19 0.00	10.45 0.19 0.00	10.32 0.20 0.00	10.25 0.20 0.00	10.97 0.23 0.00	13.62 0.29 0.00	20.58 0.46 0.00	25.26 0.57 0.00	18.27 0.38 0.00	15.46 0.29 0.00	15.46 0.27 0.00	14.01 0.25 0.00	12.27 0.22 0.00	12.52 0.20 0.00	12.02 0.20 0.00	11.87 0.21 0.00	12.58 0.23 0.00	15.27 0.30 0.00	20.87 0.45 0.00	20.47 0.46 0.00	22.76 0.51 0.00	16.01 0.34 0.00	11.11 0.21 0.00	7.86 0.14 0.00
IP CORINTH___1 23988	25.62 0.49 -15.04	23.90 0.49 -13.15	22.96 0.48 -12.38	21.86 0.48 -11.33	22.64 0.54 -11.36	24.27 0.69 -10.25	32.69 1.17 -11.41	34.26 1.41 -8.15	29.95 0.91 -11.14	21.43 0.68 -5.59	19.34 0.65 -3.50	19.09 0.56 -4.76	18.95 0.52 -6.38	19.35 0.52 -6.51	19.23 0.47 -6.94	19.80 0.48 -7.66	22.51 0.57 -9.60	27.39 0.70 -11.72	31.34 1.00 -9.92	37.90 1.14 -16.75	44.24 1.34 -20.65	43.02 0.99 -26.36	26.58 0.60 -15.08	26.02 0.38 -17.92
IP___TICONDEROGA 23804	26.08 0.97 -15.02	24.34 0.95 -13.13	23.37 0.90 -12.36	22.29 0.92 -11.32	23.12 1.03 -11.34	24.88 1.32 -10.24	33.74 2.23 -11.39	35.43 2.59 -8.14	30.72 1.70 -11.13	22.02 1.27 -5.58	19.91 1.23 -3.50	19.57 1.05 -4.76	19.39 0.96 -6.38	19.78 0.96 -6.50	19.61 0.86 -6.93	20.19 0.87 -7.65	22.97 1.04 -9.58	27.99 1.32 -11.71	32.22 1.90 -9.90	38.94 2.20 -16.73	45.41 2.58 -20.58	43.73 1.86 -26.20	27.10 1.13 -15.06	26.36 0.74 -17.90
ISLIP_RES_REC 323679	25.71 1.01 -14.61	23.14 0.99 -11.89	22.60 0.97 -11.52	22.62 0.97 -11.60	23.22 1.02 -11.45	29.58 1.25 -15.00	31.13 1.93 -9.09	33.17 1.98 -6.49	29.65 1.92 -9.84	23.39 1.64 -6.59	24.32 1.55 -7.59	22.93 1.44 -7.72	22.36 1.29 -9.02	22.56 1.33 -8.91	25.66 1.27 -12.57	26.44 1.27 -13.51	26.91 1.30 -13.27	29.37 1.57 -12.84	31.40 2.12 -8.86	36.70 2.00 -14.69	43.25 2.27 -18.72	31.76 1.47 -14.62	28.03 1.08 -16.05	25.64 0.77 -17.14
JAMAICA___27_KV_LOAD 355505	22.74 0.66 -11.99	21.36 0.62 -10.49	20.56 0.58 -9.87	19.66 0.57 -9.04	20.40 0.60 -9.06	22.26 0.76 -8.17	30.45 1.25 -9.09	32.70 1.51 -6.49	28.22 1.45 -8.87	20.86 1.24 -4.45	19.16 1.18 -2.79	18.66 1.10 -3.79	18.14 1.01 -5.08	18.57 1.06 -5.19	18.37 1.03 -5.52	18.77 1.00 -6.10	20.96 0.98 -7.64	25.53 1.23 -9.34	29.94 1.61 -7.91	34.75 1.38 -13.36	36.81 1.49 -13.07	27.64 0.92 -11.05	23.67 0.74 -12.03	22.55 0.53 -14.29
JANIS___SOLAR 323808	13.69 0.43 -3.16	13.45 0.43 -2.77	13.14 0.42 -2.60	12.86 0.43 -2.38	13.63 0.49 -2.39	16.11 0.63 -2.16	23.55 1.05 -2.40	27.59 1.19 -1.71	20.81 0.57 -2.34	16.64 0.30 -1.17	16.16 0.24 -0.74	14.94 0.18 -1.00	13.53 0.15 -1.34	13.81 0.12 -1.37	13.43 0.15 -1.46	13.44 0.18 -1.61	14.63 0.27 -2.02	17.91 0.48 -2.46	23.43 0.92 -2.09	24.58 1.04 -3.52	27.09 1.22 -3.61	19.79 0.72 -3.40	14.50 0.42 -3.17	11.83 0.34 -3.77
JARVIS____ 23743	10.12 0.03 0.00	10.29 0.03 0.00	10.14 0.03 0.00	10.08 0.03 0.00	10.78 0.03 0.00	13.36 0.04 0.00	20.17 0.06 0.00	24.77 0.07 0.00	17.95 0.05 0.00	15.20 0.03 0.00	15.21 0.03 0.00	13.79 0.03 0.00	12.07 0.02 0.00	12.34 0.02 0.00	11.85 0.04 0.00	11.70 0.04 0.00	12.38 0.04 0.00	15.01 0.05 0.00	20.48 0.06 0.00	20.07 0.06 0.00	22.32 0.07 0.00	15.71 0.05 0.00	10.93 0.02 0.00	7.75 0.02 0.00
JENNISON___1 23625	14.54 0.49 -3.95	14.19 0.48 -3.46	13.84 0.48 -3.25	13.51 0.48 -2.98	14.27 0.54 -2.98	16.70 0.68 -2.69	24.25 1.15 -3.00	28.22 1.38 -2.14	21.66 0.84 -2.93	17.21 0.58 -1.47	16.63 0.53 -0.92	15.45 0.44 -1.25	14.11 0.39 -1.68	14.40 0.37 -1.71	14.03 0.39 -1.82	14.08 0.41 -2.01	15.35 0.48 -2.52	18.75 0.70 -3.08	24.17 1.14 -2.61	25.57 1.16 -4.40	28.25 1.34 -4.67	21.15 0.78 -4.70	15.36 0.49 -3.96	12.81 0.38 -4.71
JENNISON___2 23626	14.54 0.49 -3.95	14.19 0.48 -3.46	13.84 0.48 -3.25	13.51 0.48 -2.98	14.27 0.54 -2.98	16.70 0.68 -2.69	24.25 1.15 -3.00	28.22 1.38 -2.14	21.66 0.84 -2.93	17.21 0.58 -1.47	16.63 0.53 -0.92	15.45 0.44 -1.25	14.11 0.39 -1.68	14.40 0.37 -1.71	14.03 0.39 -1.82	14.08 0.41 -2.01	15.35 0.48 -2.52	18.75 0.70 -3.08	24.17 1.14 -2.61	25.57 1.16 -4.40	28.25 1.34 -4.67	21.15 0.78 -4.70	15.36 0.49 -3.96	12.81 0.38 -4.71

JERICO_RISE_WT_PWR 323719	10.03 -0.06 0.00	10.23 -0.03 0.00	10.11 0.00 0.00	10.05 0.00 0.00	10.71 -0.03 0.00	13.35 0.03 0.00	20.15 0.04 0.00	24.89 0.20 0.00	18.00 0.11 0.00	15.23 0.06 0.00	15.23 0.05 0.00	13.78 0.01 0.00	12.01 -0.04 0.00	12.31 -0.01 0.00	11.74 -0.08 0.00	11.53 -0.13 0.00	12.23 -0.11 0.00	14.94 -0.03 0.00	20.42 0.00 0.00	20.15 0.14 0.00	22.41 0.16 0.00	15.67 0.00 0.00	10.93 0.02 0.00	7.69 -0.04 0.00
KATONAH__115KV_46KV_TB4 355592	22.86 0.66 -12.12	21.51 0.66 -10.60	20.71 0.63 -9.97	19.80 0.62 -9.13	20.54 0.64 -9.15	22.36 0.77 -8.26	30.52 1.23 -9.18	32.76 1.51 -6.56	28.11 1.25 -8.96	20.77 1.11 -4.49	19.05 1.05 -2.82	18.59 0.99 -3.83	18.06 0.88 -5.14	18.47 0.91 -5.24	18.28 0.89 -5.58	18.70 0.87 -6.17	20.94 0.88 -7.72	25.45 1.05 -9.43	29.82 1.41 -7.99	34.83 1.32 -13.50	36.88 1.42 -13.21	27.80 0.96 -11.17	23.73 0.68 -12.15	22.67 0.50 -14.44
KCE_NY_1 323755	25.61 0.52 -14.99	23.90 0.53 -13.11	22.97 0.52 -12.33	21.87 0.52 -11.30	22.65 0.58 -11.32	24.27 0.73 -10.22	32.64 1.17 -11.36	34.19 1.38 -8.12	29.92 0.93 -11.09	21.45 0.73 -5.56	19.39 0.71 -3.49	19.14 0.63 -4.75	18.98 0.57 -6.36	19.38 0.57 -6.49	19.26 0.53 -6.91	19.84 0.54 -7.64	22.52 0.60 -9.57	27.40 0.75 -11.69	31.38 1.06 -9.90	37.87 1.14 -16.72	44.06 1.31 -20.50	42.62 0.97 -25.98	26.57 0.61 -15.05	26.00 0.41 -17.87
KCE_NY_6_ESR 323823	12.14 -0.08 -2.13	12.06 -0.06 -1.86	11.77 -0.10 -1.75	11.53 -0.12 -1.60	12.25 -0.11 -1.61	14.58 -0.20 -1.45	21.34 -0.38 -1.61	24.98 -0.87 -1.15	18.74 -0.73 -1.58	15.38 -0.58 -0.79	15.15 -0.53 -0.50	14.04 -0.40 -0.68	12.67 -0.29 -0.91	12.99 -0.26 -0.93	12.65 -0.15 -0.99	12.66 -0.09 -1.09	13.60 -0.11 -1.36	16.18 -0.45 -1.67	21.18 -0.65 -1.41	21.56 -0.84 -2.38	23.47 -1.11 -2.33	17.18 -0.45 -1.97	12.67 -0.38 -2.15	10.18 -0.08 -2.54
KEDC_PORT_JEFF_GT2 24210	25.66 0.96 -14.61	23.10 0.95 -11.89	22.56 0.93 -11.52	22.58 0.93 -11.60	23.17 0.98 -11.45	29.52 1.20 -15.00	31.03 1.83 -9.09	33.04 1.85 -6.49	29.58 1.84 -9.84	23.33 1.58 -6.59	24.26 1.49 -7.59	22.87 1.39 -7.72	22.31 1.24 -9.02	22.50 1.27 -8.91	25.60 1.21 -12.57	26.38 1.21 -13.51	26.86 1.25 -13.27	29.28 1.48 -12.84	31.28 2.00 -8.86	36.56 1.86 -14.69	43.09 2.12 -18.72	31.67 1.38 -14.62	27.98 1.02 -16.05	25.60 0.73 -17.14
KEDC_PORT_JEFF_GT3 24211	25.66 0.96 -14.61	23.10 0.95 -11.89	22.56 0.93 -11.52	22.58 0.93 -11.60	23.17 0.98 -11.45	29.52 1.20 -15.00	31.03 1.83 -9.09	33.04 1.85 -6.49	29.58 1.84 -9.84	23.33 1.58 -6.59	24.26 1.49 -7.59	22.87 1.39 -7.72	22.31 1.24 -9.02	22.50 1.27 -8.91	25.60 1.21 -12.57	26.38 1.21 -13.51	26.86 1.25 -13.27	29.28 1.48 -12.84	31.28 2.00 -8.86	36.56 1.86 -14.69	43.09 2.12 -18.72	31.67 1.38 -14.62	27.98 1.02 -16.05	25.60 0.73 -17.14
KEDC_GLWD_GT4 24219	25.49 0.79 -14.61	22.92 0.77 -11.89	22.37 0.74 -11.52	22.38 0.73 -11.60	22.97 0.77 -11.45	29.26 0.93 -15.00	30.65 1.45 -9.09	32.85 1.65 -6.49	29.27 1.54 -9.84	23.07 1.32 -6.59	24.05 1.28 -7.59	22.67 1.18 -7.72	22.13 1.06 -9.02	22.34 1.11 -8.91	25.50 1.11 -12.57	26.26 1.10 -13.51	26.73 1.11 -13.27	29.12 1.32 -12.84	31.03 1.76 -8.85	36.14 1.44 -14.69	42.60 1.62 -18.72	31.47 1.18 -14.62	27.79 0.84 -16.05	25.47 0.61 -17.14
KEDC_GLWD_GT5 24220	25.49 0.79 -14.61	22.92 0.77 -11.89	22.37 0.74 -11.52	22.38 0.73 -11.60	22.97 0.77 -11.45	29.26 0.93 -15.00	30.65 1.45 -9.09	32.85 1.65 -6.49	29.27 1.54 -9.84	23.07 1.32 -6.59	24.05 1.28 -7.59	22.67 1.18 -7.72	22.13 1.06 -9.02	22.34 1.11 -8.91	25.50 1.11 -12.57	26.26 1.10 -13.51	26.73 1.11 -13.27	29.12 1.32 -12.84	31.03 1.76 -8.85	36.14 1.44 -14.69	42.60 1.62 -18.72	31.47 1.18 -14.62	27.79 0.84 -16.05	25.47 0.61 -17.14
KENSICO____ 23655	22.69 0.63 -11.97	21.34 0.62 -10.47	20.55 0.59 -9.85	19.65 0.58 -9.02	20.40 0.61 -9.04	22.22 0.73 -8.16	30.35 1.17 -9.07	32.61 1.43 -6.48	28.01 1.25 -8.86	20.70 1.09 -4.44	19.06 1.09 -2.79	18.56 1.00 -3.79	18.04 0.92 -5.08	18.45 0.95 -5.18	18.25 0.92 -5.51	18.66 0.91 -6.09	20.89 0.91 -7.63	25.37 1.08 -9.32	29.75 1.43 -7.90	34.65 1.30 -13.34	36.72 1.42 -13.05	27.62 0.92 -11.03	23.59 0.68 -12.01	22.48 0.49 -14.27
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	21.55 0.63 -10.83	20.33 0.61 -9.47	19.61 0.59 -8.91	18.79 0.58 -8.16	19.52 0.59 -8.18	21.37 0.67 -7.38	29.44 1.13 -8.21	31.94 1.38 -5.86	27.11 1.20 -8.01	20.17 0.99 -4.02	18.67 0.97 -2.52	18.07 0.88 -3.43	17.43 0.80 -4.59	17.84 0.84 -4.68	17.62 0.82 -4.99	18.00 0.83 -5.51	20.10 0.85 -6.90	24.39 0.99 -8.43	28.95 1.39 -7.14	33.32 1.24 -12.07	35.56 1.36 -11.96	26.99 0.89 -10.43	22.44 0.68 -10.86	21.08 0.45 -12.91
KIAC_JFK_GT1 23816	22.67 0.59 -11.99	21.30 0.55 -10.49	20.50 0.52 -9.87	19.60 0.51 -9.04	20.34 0.54 -9.06	22.18 0.68 -8.17	30.31 1.11 -9.09	32.45 1.26 -6.49	28.11 1.34 -8.87	20.77 1.15 -4.45	19.07 1.09 -2.79	18.58 1.02 -3.79	18.07 0.94 -5.08	18.48 0.97 -5.19	18.30 0.96 -5.52	18.70 0.93 -6.10	20.89 0.90 -7.64	25.43 1.12 -9.34	29.78 1.45 -7.91	34.47 1.10 -13.36	36.57 1.25 -13.07	27.55 0.83 -11.05	23.61 0.68 -12.03	22.51 0.49 -14.29
KIAC_JFK_GT2 23817	22.67 0.59 -11.99	21.30 0.55 -10.49	20.50 0.52 -9.87	19.60 0.51 -9.04	20.34 0.54 -9.06	22.18 0.68 -8.17	30.31 1.11 -9.09	32.45 1.26 -6.49	28.11 1.34 -8.87	20.77 1.15 -4.45	19.07 1.09 -2.79	18.58 1.02 -3.79	18.07 0.94 -5.08	18.48 0.97 -5.19	18.30 0.96 -5.52	18.70 0.93 -6.10	20.89 0.90 -7.64	25.43 1.12 -9.34	29.78 1.45 -7.91	34.47 1.10 -13.36	36.57 1.25 -13.07	27.55 0.83 -11.05	23.61 0.68 -12.03	22.51 0.49 -14.29
KIAC_JFK____ 323774	22.67 0.59 -11.99	21.30 0.55 -10.49	20.50 0.52 -9.87	19.60 0.51 -9.04	20.34 0.54 -9.06	22.18 0.68 -8.17	30.31 1.11 -9.09	32.45 1.26 -6.49	28.11 1.34 -8.87	20.77 1.15 -4.45	19.07 1.09 -2.79	18.58 1.02 -3.79	18.07 0.94 -5.08	18.48 0.97 -5.19	18.30 0.96 -5.52	18.70 0.93 -6.10	20.89 0.90 -7.64	25.43 1.12 -9.34	29.78 1.45 -7.91	34.47 1.10 -13.36	36.57 1.25 -13.07	27.55 0.83 -11.05	23.61 0.68 -12.03	22.51 0.49 -14.29
KINTIGH____ 23543	11.70 -0.17 -1.78	11.65 -0.16 -1.55	11.40 -0.18 -1.46	11.20 -0.19 -1.34	11.89 -0.19 -1.34	14.22 -0.32 -1.21	20.86 -0.60 -1.35	24.57 -1.09 -0.96	18.33 -0.88 -1.31	15.13 -0.70 -0.66	14.94 -0.65 -0.41	13.82 -0.51 -0.56	12.42 -0.39 -0.75	12.72 -0.37 -0.77	12.38 -0.26 -0.82	12.34 -0.22 -0.90	13.23 -0.25 -1.13	15.77 -0.58 -1.38	20.74 -0.86 -1.17	21.01 -0.98 -1.98	23.00 -1.18 -1.93	16.79 -0.49 -1.60	12.32 -0.37 -1.78	9.75 -0.09 -2.12
KNTFSRNC_46_KV_46KV_LOAD 80397	10.18 0.09 0.00	10.38 0.12 0.00	10.27 0.15 0.00	10.20 0.15 0.00	10.88 0.14 0.00	13.59 0.27 0.00	20.54 0.42 0.00	25.39 0.69 0.00	18.34 0.45 0.00	15.49 0.32 0.00	15.46 0.27 0.00	13.98 0.22 0.00	12.18 0.13 0.00	12.49 0.17 0.00	11.90 0.08 0.00	11.68 0.02 0.00	12.41 0.06 0.00	15.16 0.19 0.00	20.77 0.35 0.00	20.55 0.54 0.00	22.83 0.58 0.00	15.93 0.27 0.00	11.11 0.21 0.00	7.80 0.08 0.00

LACHUTE____HYDRO 323717	26.08 0.97 -15.02	24.34 0.95 -13.13	23.37 0.90 -12.36	22.29 0.92 -11.32	23.12 1.03 -11.34	24.88 1.32 -10.24	33.72 2.23 -11.38	35.42 2.59 -8.13	30.71 1.70 -11.11	22.01 1.27 -5.57	19.91 1.23 -3.50	19.57 1.05 -4.76	19.39 0.96 -6.38	19.79 0.96 -6.50	19.61 0.86 -6.93	20.19 0.87 -7.65	22.97 1.04 -9.58	27.99 1.32 -11.71	32.24 1.90 -9.92	38.95 2.18 -16.75	45.43 2.58 -20.60	43.75 1.88 -26.21	27.12 1.13 -15.08	26.37 0.74 -17.90
LAWRNCV_115KV_TB1 80681	9.95 -0.14 0.00	10.11 -0.14 0.00	9.99 -0.12 0.00	9.94 -0.11 0.00	10.62 -0.13 0.00	13.23 -0.09 0.00	19.95 -0.16 0.00	24.60 -0.10 0.00	17.75 -0.14 0.00	15.02 -0.15 0.00	15.00 -0.18 0.00	13.56 -0.21 0.00	11.71 -0.34 0.00	11.94 -0.38 0.00	11.30 -0.52 0.00	11.10 -0.56 0.00	11.78 -0.57 0.00	14.41 -0.55 0.00	19.73 -0.69 0.00	19.47 -0.54 0.00	21.76 -0.49 0.00	15.23 -0.44 0.00	10.73 -0.17 0.00	7.59 -0.13 0.00
LEDERLE____ 23769	22.34 0.66 -11.60	21.04 0.65 -10.14	20.27 0.62 -9.54	19.40 0.61 -8.74	20.14 0.63 -8.76	21.99 0.76 -7.90	30.13 1.23 -8.79	32.46 1.48 -6.28	27.78 1.31 -8.58	20.57 1.11 -4.30	18.99 1.11 -2.70	18.45 1.02 -3.67	17.89 0.93 -4.92	18.30 0.96 -5.02	18.09 0.93 -5.34	18.49 0.93 -5.90	20.67 0.94 -7.39	25.10 1.11 -9.03	29.54 1.47 -7.65	34.27 1.34 -12.92	36.36 1.47 -12.64	27.33 0.97 -10.69	23.24 0.71 -11.63	22.05 0.50 -13.82
LIGHTHSE_115KV_TB6 355974	11.03 -0.09 -1.03	11.06 -0.09 -0.90	10.87 -0.09 -0.85	10.73 -0.09 -0.77	11.44 -0.08 -0.78	13.93 -0.09 -0.70	20.81 -0.08 -0.78	25.13 -0.12 -0.56	18.46 -0.20 -0.76	15.34 -0.21 -0.38	15.21 -0.21 -0.24	13.88 -0.21 -0.32	12.29 -0.19 -0.44	12.55 -0.21 -0.44	12.09 -0.20 -0.47	12.00 -0.19 -0.52	12.81 -0.19 -0.65	15.57 -0.19 -0.80	20.90 -0.20 -0.68	21.02 -0.14 -1.14	23.05 -0.11 -0.91	15.88 -0.11 -0.32	11.85 -0.09 -1.03	8.92 -0.03 -1.22
LINDEN COGEN____ 23786	22.73 0.65 -11.99	21.35 0.60 -10.49	20.54 0.56 -9.87	19.64 0.55 -9.04	20.37 0.57 -9.06	22.19 0.69 -8.17	30.33 1.13 -9.09	32.57 1.38 -6.49	28.09 1.32 -8.87	20.80 1.18 -4.45	19.16 1.19 -2.79	18.66 1.10 -3.79	18.13 1.00 -5.08	18.55 1.05 -5.19	18.36 1.02 -5.52	18.77 1.00 -6.10	20.98 0.99 -7.64	25.49 1.18 -9.34	29.82 1.49 -7.91	34.61 1.24 -13.36	36.72 1.40 -13.07	27.63 0.91 -11.05	23.62 0.69 -12.03	22.51 0.49 -14.29
LINDHRST_69_KV_BK1 356055	25.64 0.94 -14.61	23.08 0.93 -11.89	22.53 0.90 -11.52	22.54 0.89 -11.60	23.14 0.95 -11.45	29.48 1.16 -15.00	30.97 1.77 -9.09	32.99 1.80 -6.49	29.52 1.79 -9.84	23.28 1.53 -6.59	24.26 1.49 -7.59	22.84 1.36 -7.72	22.30 1.23 -9.02	22.50 1.27 -8.91	25.61 1.22 -12.57	26.38 1.21 -13.51	26.85 1.23 -13.27	29.28 1.48 -12.84	31.28 2.00 -8.86	36.56 1.86 -14.69	43.09 2.11 -18.72	31.66 1.36 -14.62	27.97 1.01 -16.05	25.60 0.73 -17.14
LIPA_MISC_IPP 23656	25.65 0.95 -14.61	23.09 0.94 -11.89	22.55 0.92 -11.52	22.57 0.92 -11.60	23.15 0.96 -11.45	29.50 1.17 -15.00	31.01 1.81 -9.09	32.94 1.75 -6.49	29.54 1.81 -9.84	23.30 1.55 -6.59	24.23 1.46 -7.59	22.84 1.36 -7.72	22.28 1.22 -9.02	22.49 1.26 -8.91	25.57 1.18 -12.57	26.36 1.19 -13.51	26.84 1.22 -13.27	29.27 1.47 -12.84	31.26 1.98 -8.86	36.54 1.84 -14.69	43.07 2.09 -18.72	31.64 1.35 -14.62	27.97 1.01 -16.05	25.59 0.73 -17.14
LISF____SOLAR 323691	25.66 0.96 -14.61	23.11 0.96 -11.89	22.57 0.94 -11.52	22.58 0.93 -11.60	23.17 0.98 -11.45	29.52 1.20 -15.00	31.03 1.83 -9.09	33.02 1.83 -6.49	29.56 1.83 -9.84	23.32 1.56 -6.59	24.25 1.47 -7.59	22.86 1.38 -7.72	22.30 1.23 -9.02	22.50 1.27 -8.91	25.58 1.19 -12.57	26.37 1.20 -13.51	26.85 1.23 -13.27	29.30 1.50 -12.84	31.30 2.02 -8.86	36.58 1.88 -14.69	43.11 2.14 -18.72	31.67 1.38 -14.62	27.99 1.04 -16.05	25.61 0.74 -17.14
LITTLE FALLS____HYD 24013	10.28 0.19 0.00	10.45 0.19 0.00	10.32 0.20 0.00	10.25 0.20 0.00	10.97 0.23 0.00	13.62 0.29 0.00	20.58 0.46 0.00	25.26 0.57 0.00	18.27 0.38 0.00	15.46 0.29 0.00	15.46 0.27 0.00	14.01 0.25 0.00	12.27 0.22 0.00	12.52 0.20 0.00	12.02 0.20 0.00	11.87 0.21 0.00	12.58 0.23 0.00	15.27 0.30 0.00	20.87 0.45 0.00	20.47 0.46 0.00	22.76 0.51 0.00	16.01 0.34 0.00	11.11 0.21 0.00	7.86 0.14 0.00
LITTLRIV_115KV_TB1 356100	10.01 -0.08 0.00	10.17 -0.08 0.00	10.06 -0.05 0.00	10.01 -0.04 0.00	10.69 -0.05 0.00	13.34 0.01 0.00	20.13 0.02 0.00	24.84 0.15 0.00	17.89 0.00 0.00	15.11 -0.06 0.00	15.11 -0.08 0.00	13.64 -0.12 0.00	11.77 -0.28 0.00	12.00 -0.32 0.00	11.36 -0.46 0.00	11.15 -0.51 0.00	11.84 -0.51 0.00	14.53 -0.43 0.00	19.93 -0.49 0.00	19.69 -0.32 0.00	22.01 -0.24 0.00	15.35 -0.31 0.00	10.81 -0.10 0.00	7.65 -0.08 0.00
LI_NEWBRDGE____DRP 323616	25.50 0.80 -14.61	22.94 0.79 -11.89	22.39 0.76 -11.52	22.40 0.75 -11.60	22.99 0.80 -11.45	29.28 0.96 -15.00	30.67 1.47 -9.09	32.70 1.51 -6.49	29.29 1.56 -9.84	23.10 1.35 -6.59	24.08 1.31 -7.59	22.69 1.21 -7.72	22.16 1.10 -9.02	22.37 1.13 -8.91	25.47 1.08 -12.57	26.24 1.07 -13.51	26.69 1.07 -13.27	29.07 1.27 -12.83	30.97 1.70 -8.85	36.22 1.52 -14.69	42.71 1.74 -18.72	31.40 1.11 -14.62	27.80 0.85 -16.05	25.48 0.62 -17.14
LOCKPORT_115KV_TB60_63_64 80432	11.81 -0.22 -1.94	11.74 -0.21 -1.69	11.48 -0.23 -1.59	11.26 -0.25 -1.46	11.96 -0.25 -1.46	14.25 -0.40 -1.32	20.83 -0.74 -1.46	24.38 -1.36 -1.04	18.23 -1.09 -1.43	15.02 -0.86 -0.72	14.80 -0.84 -0.45	13.73 -0.65 -0.61	12.37 -0.49 -0.82	12.69 -0.47 -0.83	12.35 -0.35 -0.89	12.35 -0.29 -0.99	13.26 -0.32 -1.23	15.74 -0.73 -1.51	20.62 -1.08 -1.28	20.91 -1.26 -2.16	22.82 -1.54 -2.11	16.76 -0.67 -1.77	12.35 -0.50 -1.94	9.88 -0.15 -2.31
LOCKPORT____CC1 323769	11.83 -0.21 -1.95	11.77 -0.20 -1.71	11.49 -0.23 -1.60	11.27 -0.25 -1.47	11.97 -0.25 -1.47	14.25 -0.40 -1.33	20.85 -0.74 -1.48	24.39 -1.36 -1.06	18.25 -1.09 -1.44	15.03 -0.86 -0.72	14.82 -0.82 -0.45	13.75 -0.63 -0.61	12.38 -0.49 -0.82	12.69 -0.47 -0.84	12.37 -0.34 -0.90	12.36 -0.29 -0.99	13.26 -0.32 -1.24	15.76 -0.72 -1.51	20.62 -1.08 -1.28	20.94 -1.24 -2.17	22.83 -1.54 -2.11	16.77 -0.67 -1.78	12.35 -0.50 -1.95	9.89 -0.15 -2.32
LOCKPORT____CC2 323770	11.83 -0.21 -1.95	11.77 -0.20 -1.71	11.49 -0.23 -1.60	11.27 -0.25 -1.47	11.97 -0.25 -1.47	14.25 -0.40 -1.33	20.85 -0.74 -1.48	24.39 -1.36 -1.06	18.25 -1.09 -1.44	15.03 -0.86 -0.72	14.82 -0.82 -0.45	13.75 -0.63 -0.61	12.38 -0.49 -0.82	12.69 -0.47 -0.84	12.37 -0.34 -0.90	12.36 -0.29 -0.99	13.26 -0.32 -1.24	15.76 -0.72 -1.51	20.62 -1.08 -1.28	20.94 -1.24 -2.17	22.83 -1.54 -2.11	16.77 -0.67 -1.78	12.35 -0.50 -1.95	9.89 -0.15 -2.32
LOCKPORT____CC3 323771	11.83 -0.21 -1.95	11.77 -0.20 -1.71	11.49 -0.23 -1.60	11.27 -0.25 -1.47	11.97 -0.25 -1.47	14.25 -0.40 -1.33	20.85 -0.74 -1.48	24.39 -1.36 -1.06	18.25 -1.09 -1.44	15.03 -0.86 -0.72	14.82 -0.82 -0.45	13.75 -0.63 -0.61	12.38 -0.49 -0.82	12.69 -0.47 -0.84	12.37 -0.34 -0.90	12.36 -0.29 -0.99	13.26 -0.32 -1.24	15.76 -0.72 -1.51	20.62 -1.08 -1.28	20.94 -1.24 -2.17	22.83 -1.54 -2.11	16.77 -0.67 -1.78	12.35 -0.50 -1.95	9.89 -0.15 -2.32

LONG_LAKE_PHOENIX 24014	11.08 -0.17 -1.16	11.10 -0.16 -1.01	10.89 -0.17 -0.95	10.75 -0.17 -0.87	11.46 -0.16 -0.87	13.90 -0.21 -0.79	20.69 -0.30 -0.88	24.93 -0.40 -0.63	18.37 -0.38 -0.86	15.26 -0.33 -0.43	15.13 -0.32 -0.27	13.85 -0.28 -0.37	12.31 -0.23 -0.49	12.57 -0.25 -0.50	12.14 -0.21 -0.53	12.04 -0.21 -0.59	12.86 -0.22 -0.74	15.58 -0.28 -0.90	20.86 -0.33 -0.76	20.98 -0.32 -1.29	23.15 -0.33 -1.23	16.43 -0.20 -0.97	11.88 -0.19 -1.16	9.01 -0.09 -1.38
LOVETT___3 23632	22.34 0.61 -11.65	21.04 0.59 -10.18	20.27 0.58 -9.58	19.40 0.57 -8.77	20.13 0.59 -8.80	21.98 0.72 -7.94	30.06 1.13 -8.82	32.38 1.38 -6.30	27.73 1.22 -8.62	20.53 1.05 -4.32	18.94 1.05 -2.71	18.41 0.96 -3.68	17.86 0.88 -4.94	18.27 0.91 -5.04	18.07 0.89 -5.36	18.46 0.87 -5.93	20.64 0.88 -7.42	25.08 1.05 -9.07	29.49 1.39 -7.68	34.25 1.26 -12.97	36.30 1.36 -12.69	27.30 0.89 -10.74	23.24 0.65 -11.68	22.07 0.47 -13.88
LOVETT___4 23642	22.34 0.61 -11.65	21.04 0.59 -10.18	20.27 0.58 -9.58	19.40 0.57 -8.77	20.13 0.59 -8.80	21.98 0.72 -7.94	30.06 1.13 -8.82	32.38 1.38 -6.30	27.73 1.22 -8.62	20.53 1.05 -4.32	18.94 1.05 -2.71	18.41 0.96 -3.68	17.86 0.88 -4.94	18.27 0.91 -5.04	18.07 0.89 -5.36	18.46 0.87 -5.93	20.64 0.88 -7.42	25.08 1.05 -9.07	29.49 1.39 -7.68	34.25 1.26 -12.97	36.30 1.36 -12.69	27.30 0.89 -10.74	23.24 0.65 -11.68	22.07 0.47 -13.88
LOVETT___5 23593	22.34 0.61 -11.65	21.04 0.59 -10.18	20.27 0.58 -9.58	19.40 0.57 -8.77	20.13 0.59 -8.80	21.98 0.72 -7.94	30.06 1.13 -8.82	32.38 1.38 -6.30	27.73 1.22 -8.62	20.53 1.05 -4.32	18.94 1.05 -2.71	18.41 0.96 -3.68	17.86 0.88 -4.94	18.27 0.91 -5.04	18.07 0.89 -5.36	18.46 0.87 -5.93	20.64 0.88 -7.42	25.08 1.05 -9.07	29.49 1.39 -7.68	34.25 1.26 -12.97	36.30 1.36 -12.69	27.30 0.89 -10.74	23.24 0.65 -11.68	22.07 0.47 -13.88
LOWER_RAQUET___HYD 24057	9.95 -0.14 0.00	10.11 -0.14 0.00	9.99 -0.12 0.00	9.94 -0.11 0.00	10.62 -0.13 0.00	13.23 -0.09 0.00	19.97 -0.14 0.00	24.62 -0.07 0.00	17.75 -0.14 0.00	15.02 -0.15 0.00	15.00 -0.18 0.00	13.56 -0.21 0.00	11.68 -0.37 0.00	11.90 -0.42 0.00	11.24 -0.58 0.00	11.04 -0.62 0.00	11.73 -0.62 0.00	14.35 -0.61 0.00	19.67 -0.76 0.00	19.41 -0.60 0.00	21.72 -0.53 0.00	15.20 -0.47 0.00	10.72 -0.19 0.00	7.59 -0.13 0.00
LOWER___HUDSON 24059	25.20 0.41 -14.69	23.55 0.44 -12.85	22.63 0.42 -12.09	21.54 0.42 -11.07	22.31 0.47 -11.10	23.94 0.60 -10.01	32.13 0.88 -11.13	33.71 1.06 -7.95	29.48 0.72 -10.87	21.21 0.59 -5.45	19.19 0.59 -3.42	18.95 0.54 -4.65	18.75 0.47 -6.23	19.15 0.47 -6.36	19.05 0.46 -6.77	19.60 0.45 -7.48	22.22 0.51 -9.37	27.03 0.61 -11.45	30.97 0.86 -9.69	37.29 0.90 -16.38	42.60 1.02 -19.32	39.65 0.75 -23.23	26.14 0.49 -14.74	25.56 0.32 -17.51
LOWVILLE_115KV_TB2 356335	10.76 0.15 -0.52	10.84 0.13 -0.45	10.67 0.13 -0.42	10.59 0.15 -0.39	11.31 0.17 -0.39	13.93 0.25 -0.35	20.97 0.46 -0.39	25.59 0.62 -0.28	18.58 0.30 -0.38	15.51 0.15 -0.19	15.42 0.12 -0.12	13.98 0.06 -0.16	12.26 -0.01 -0.22	12.49 -0.05 -0.22	11.97 -0.08 -0.24	11.85 -0.07 -0.26	12.62 -0.05 -0.33	15.47 0.10 -0.40	21.07 0.31 -0.34	21.01 0.42 -0.57	23.26 0.56 -0.45	16.05 0.22 -0.16	11.58 0.16 -0.52	8.45 0.12 -0.61
LUTHERFT_115KV_GLOB_FND_222 355753	25.61 0.52 -14.99	23.90 0.53 -13.11	22.97 0.52 -12.33	21.87 0.52 -11.30	22.64 0.57 -11.32	24.26 0.72 -10.22	32.63 1.15 -11.37	34.21 1.38 -8.13	29.91 0.91 -11.11	21.45 0.71 -5.57	19.39 0.71 -3.49	19.13 0.62 -4.75	18.97 0.55 -6.36	19.38 0.57 -6.49	19.26 0.53 -6.91	19.83 0.54 -7.64	22.52 0.60 -9.57	27.40 0.75 -11.68	31.35 1.04 -9.88	37.85 1.14 -16.70	44.02 1.29 -20.48	42.59 0.96 -25.97	26.54 0.61 -15.03	25.99 0.40 -17.86
LUTHERNY_35_KV_BK2 355980	25.61 0.52 -14.99	23.90 0.53 -13.11	22.97 0.52 -12.33	21.87 0.52 -11.30	22.65 0.58 -11.32	24.27 0.73 -10.22	32.65 1.17 -11.37	34.21 1.38 -8.13	29.93 0.93 -11.11	21.46 0.73 -5.57	19.39 0.71 -3.49	19.14 0.63 -4.75	18.98 0.57 -6.36	19.38 0.57 -6.49	19.26 0.53 -6.91	19.83 0.54 -7.64	22.52 0.60 -9.57	27.40 0.75 -11.68	31.37 1.06 -9.88	37.85 1.14 -16.70	44.05 1.31 -20.48	42.61 0.97 -25.97	26.54 0.61 -15.03	26.00 0.41 -17.86
LWR___OSWEGATCHIE_HYD 23850	10.44 -0.03 -0.38	10.55 -0.04 -0.34	10.40 -0.03 -0.32	10.32 -0.02 -0.29	11.02 -0.01 -0.29	13.63 0.04 -0.26	20.50 0.10 -0.29	25.10 0.20 -0.21	18.20 0.02 -0.28	15.25 -0.06 -0.14	15.18 -0.09 -0.09	13.75 -0.14 -0.12	11.96 -0.25 -0.16	12.19 -0.30 -0.17	11.60 -0.39 -0.18	11.46 -0.40 -0.20	12.19 -0.40 -0.24	14.95 -0.31 -0.30	20.37 -0.31 -0.25	20.28 -0.16 -0.43	22.52 -0.07 -0.34	15.60 -0.19 -0.12	11.25 -0.04 -0.38	8.15 -0.03 -0.46
LYONS_FALL_HYD 23570	10.75 0.17 -0.49	10.84 0.15 -0.43	10.67 0.15 -0.40	10.58 0.16 -0.37	11.31 0.19 -0.37	13.92 0.27 -0.33	20.95 0.46 -0.37	25.58 0.62 -0.26	18.59 0.34 -0.36	15.54 0.20 -0.18	15.48 0.18 -0.11	14.03 0.11 -0.15	12.32 0.06 -0.21	12.57 0.04 -0.21	12.05 0.01 -0.22	11.93 0.02 -0.25	12.70 0.05 -0.31	15.54 0.19 -0.38	21.13 0.39 -0.32	21.03 0.48 -0.54	23.28 0.60 -0.43	16.09 0.27 -0.15	11.58 0.19 -0.49	8.44 0.13 -0.58
MADISON___COUNTY_LFGE 323628	11.11 0.22 -0.80	11.17 0.22 -0.70	10.98 0.21 -0.66	10.87 0.22 -0.60	11.59 0.25 -0.60	14.19 0.32 -0.54	21.26 0.54 -0.61	25.82 0.69 -0.43	18.90 0.41 -0.59	15.74 0.27 -0.30	15.64 0.27 -0.19	14.21 0.19 -0.25	12.57 0.18 -0.34	12.83 0.16 -0.35	12.35 0.17 -0.37	12.25 0.19 -0.41	13.08 0.22 -0.51	15.93 0.34 -0.62	21.52 0.57 -0.53	21.50 0.60 -0.89	23.67 0.71 -0.71	16.31 0.39 -0.25	11.95 0.24 -0.80	8.86 0.19 -0.95
MALONE___115KV_TB1 356076	10.10 0.01 0.00	10.30 0.04 0.00	10.19 0.07 0.00	10.13 0.08 0.00	10.81 0.06 0.00	13.48 0.16 0.00	20.35 0.24 0.00	25.17 0.47 0.00	18.18 0.29 0.00	15.36 0.20 0.00	15.35 0.17 0.00	13.87 0.11 0.00	12.06 0.01 0.00	12.34 0.02 0.00	11.72 -0.09 0.00	11.51 -0.15 0.00	12.22 -0.12 0.00	14.95 -0.01 0.00	20.46 0.04 0.00	20.23 0.22 0.00	22.54 0.29 0.00	15.75 0.08 0.00	10.99 0.09 0.00	7.74 0.02 0.00
MAPLEWOD_115KV_TB3 80458	25.19 0.47 -14.62	23.54 0.49 -12.79	22.63 0.49 -12.03	21.55 0.48 -11.02	22.32 0.53 -11.05	23.95 0.65 -9.97	32.18 0.99 -11.08	33.80 1.19 -7.92	29.54 0.82 -10.83	21.26 0.67 -5.43	19.27 0.68 -3.40	19.00 0.61 -4.63	18.78 0.53 -6.20	19.19 0.54 -6.33	19.09 0.53 -6.74	19.64 0.54 -7.45	22.26 0.59 -9.32	27.04 0.69 -11.39	31.02 0.96 -9.64	37.30 1.00 -16.29	41.90 1.13 -18.51	37.51 0.81 -21.03	26.10 0.53 -14.66	25.51 0.36 -17.42
MAPLE_RIDGE_WT_1 323574	9.92 -0.17 0.00	10.09 -0.16 0.00	9.96 -0.15 0.00	9.91 -0.14 0.00	10.58 -0.16 0.00	13.14 -0.19 0.00	19.81 -0.30 0.00	24.37 -0.32 0.00	17.64 -0.25 0.00	14.97 -0.20 0.00	14.97 -0.21 0.00	13.57 -0.19 0.00	11.87 -0.18 0.00	12.13 -0.18 0.00	11.62 -0.20 0.00	11.45 -0.21 0.00	12.12 -0.22 0.00	14.73 -0.24 0.00	20.09 -0.33 0.00	19.71 -0.30 0.00	21.89 -0.36 0.00	15.31 -0.36 0.00	10.54 -0.36 0.00	7.38 -0.34 0.00

MAPLE_RIDGE_WT_2 323611	9.92 -0.17 0.00	10.09 -0.16 0.00	9.96 -0.15 0.00	9.91 -0.14 0.00	10.58 -0.16 0.00	13.14 -0.19 0.00	19.81 -0.30 0.00	24.37 -0.32 0.00	17.64 -0.25 0.00	14.97 -0.20 0.00	14.97 -0.21 0.00	13.57 -0.19 0.00	11.87 -0.18 0.00	12.13 -0.18 0.00	11.62 -0.20 0.00	11.45 -0.21 0.00	12.12 -0.22 0.00	14.73 -0.24 0.00	20.09 -0.33 0.00	19.71 -0.30 0.00	21.89 -0.36 0.00	15.31 -0.36 0.00	10.54 -0.36 0.00	7.38 -0.34 0.00
MARBLE_RIVER_WT_PWR 323696	10.06 -0.03 0.00	10.25 -0.01 0.00	10.14 0.03 0.00	10.08 0.03 0.00	10.74 0.00 0.00	13.38 0.05 0.00	20.21 0.10 0.00	24.97 0.27 0.00	18.06 0.16 0.00	15.27 0.11 0.00	15.26 0.08 0.00	13.80 0.04 0.00	12.05 0.00 0.00	12.34 0.02 0.00	11.77 -0.05 0.00	11.57 -0.09 0.00	12.27 -0.07 0.00	14.98 0.01 0.00	20.48 0.06 0.00	20.21 0.20 0.00	22.50 0.25 0.00	15.71 0.05 0.00	10.97 0.07 0.00	7.71 -0.02 0.00
MARSHVLE_115KV_TB1 80742	28.42 0.52 -17.80	26.34 0.51 -15.57	25.26 0.50 -14.65	23.97 0.50 -13.41	24.76 0.57 -13.45	26.19 0.73 -12.13	34.93 1.31 -13.51	35.93 1.58 -9.65	32.07 0.98 -13.19	22.51 0.73 -6.61	19.97 0.64 -4.15	19.94 0.54 -5.64	20.10 0.49 -7.56	20.46 0.43 -7.71	20.45 0.43 -8.21	21.16 0.43 -9.07	24.22 0.52 -11.36	29.56 0.72 -13.88	33.24 1.08 -11.74	41.04 1.20 -19.83	45.83 1.36 -22.22	41.36 1.00 -24.69	29.36 0.60 -17.85	29.34 0.40 -21.22
MARSH_HILL_WT_PWR 323713	13.02 0.54 -2.38	12.92 0.58 -2.08	12.65 0.58 -1.96	12.40 0.55 -1.79	13.20 0.66 -1.80	15.79 0.84 -1.62	23.29 1.37 -1.80	27.49 1.51 -1.29	20.46 0.81 -1.76	16.60 0.55 -0.88	16.28 0.55 -0.55	14.99 0.47 -0.75	13.49 0.43 -1.01	13.79 0.44 -1.03	13.39 0.47 -1.10	13.39 0.51 -1.21	14.42 0.56 -1.52	17.50 0.67 -1.86	23.06 1.06 -1.57	23.73 1.06 -2.66	26.04 1.18 -2.61	18.72 0.81 -2.23	13.73 0.44 -2.39	10.96 0.40 -2.84
MCINTYRE_115KV_TB2 80467	10.03 -0.06 0.00	10.19 -0.06 0.00	10.07 -0.04 0.00	10.03 -0.02 0.00	10.71 -0.03 0.00	13.36 0.04 0.00	20.15 0.04 0.00	24.87 0.17 0.00	17.89 0.00 0.00	15.11 -0.06 0.00	15.11 -0.08 0.00	13.64 -0.12 0.00	11.80 -0.25 0.00	12.04 -0.28 0.00	11.42 -0.40 0.00	11.22 -0.44 0.00	11.91 -0.43 0.00	14.62 -0.34 0.00	20.05 -0.37 0.00	19.83 -0.18 0.00	22.14 -0.11 0.00	15.42 -0.25 0.00	10.83 -0.08 0.00	7.65 -0.08 0.00
MECO____69_KV_BK1 80468	27.90 0.86 -16.95	25.93 0.85 -14.82	24.87 0.81 -13.95	23.65 0.83 -12.77	24.49 0.95 -12.80	26.10 1.23 -11.55	35.08 2.11 -12.86	36.45 2.57 -9.19	31.99 1.54 -12.56	22.57 1.11 -6.29	20.06 0.93 -3.95	19.92 0.78 -5.37	19.99 0.75 -7.19	20.37 0.71 -7.34	20.33 0.70 -7.82	21.03 0.73 -8.64	24.09 0.93 -10.82	29.44 1.26 -13.21	33.41 1.82 -11.17	40.93 2.04 -18.88	46.50 2.34 -21.91	43.05 1.68 -25.71	28.90 1.00 -16.99	28.58 0.66 -20.20
MENANDS__115KV_TB5 355628	25.01 0.42 -14.50	23.38 0.45 -12.68	22.49 0.45 -11.93	21.41 0.44 -10.92	22.17 0.47 -10.95	23.79 0.59 -9.88	31.94 0.84 -10.98	33.56 1.01 -7.85	29.35 0.73 -10.73	21.16 0.62 -5.38	19.19 0.64 -3.37	18.93 0.58 -4.59	18.70 0.51 -6.14	19.11 0.52 -6.27	18.99 0.50 -6.68	19.54 0.50 -7.38	22.13 0.54 -9.24	26.86 0.61 -11.28	30.81 0.84 -9.55	37.01 0.86 -16.14	41.05 0.96 -17.84	35.73 0.71 -19.36	25.90 0.47 -14.53	25.31 0.32 -17.27
MG INDUSTRY__DRP 24185	24.73 0.42 -14.22	23.14 0.45 -12.43	22.26 0.45 -11.70	21.20 0.44 -10.71	21.95 0.47 -10.74	23.60 0.59 -9.69	31.74 0.86 -10.76	33.37 0.99 -7.69	29.10 0.70 -10.51	21.01 0.58 -5.27	19.06 0.58 -3.30	18.77 0.51 -4.49	18.51 0.45 -6.02	18.92 0.46 -6.14	18.80 0.44 -6.54	19.33 0.44 -7.23	21.88 0.48 -9.05	26.59 0.57 -11.06	30.59 0.80 -9.37	36.67 0.82 -15.84	39.84 0.91 -16.68	32.94 0.69 -16.58	25.62 0.46 -14.26	24.99 0.32 -16.94
MID__OSWEGATCHIE_HYD 23849	10.44 -0.03 -0.38	10.55 -0.04 -0.34	10.40 -0.03 -0.32	10.32 -0.02 -0.29	11.02 -0.01 -0.29	13.63 0.04 -0.26	20.50 0.10 -0.29	25.10 0.20 -0.21	18.20 0.02 -0.28	15.25 -0.06 -0.14	15.18 -0.09 -0.09	13.75 -0.14 -0.12	11.96 -0.25 -0.16	12.19 -0.30 -0.17	11.60 -0.39 -0.18	11.46 -0.40 -0.20	12.19 -0.40 -0.24	14.95 -0.31 -0.30	20.37 -0.31 -0.25	20.28 -0.16 -0.43	22.52 -0.07 -0.34	15.60 -0.19 -0.12	11.25 -0.04 -0.38	8.15 -0.03 -0.46
MID__RAQUETTE_HYD 23851	9.95 -0.14 0.00	10.11 -0.14 0.00	9.99 -0.12 0.00	9.94 -0.11 0.00	10.62 -0.13 0.00	13.23 -0.09 0.00	19.97 -0.14 0.00	24.62 -0.07 0.00	17.75 -0.14 0.00	15.02 -0.15 0.00	15.00 -0.18 0.00	13.56 -0.21 0.00	11.68 -0.37 0.00	11.90 -0.42 0.00	11.24 -0.58 0.00	11.04 -0.62 0.00	11.73 -0.62 0.00	14.35 -0.61 0.00	19.67 -0.76 0.00	19.41 -0.60 0.00	21.72 -0.53 0.00	15.20 -0.47 0.00	10.72 -0.19 0.00	7.59 -0.13 0.00
MILLIKEN__1 23584	12.73 0.19 -2.45	12.60 0.21 -2.14	12.32 0.19 -2.01	12.07 0.18 -1.84	12.82 0.23 -1.85	15.27 0.28 -1.67	22.43 0.46 -1.85	26.56 0.54 -1.32	19.96 0.25 -1.81	16.21 0.14 -0.91	15.89 0.14 -0.57	14.65 0.11 -0.77	13.19 0.11 -1.04	13.48 0.10 -1.06	13.06 0.12 -1.13	13.05 0.14 -1.25	14.08 0.17 -1.56	17.11 0.24 -1.91	22.44 0.41 -1.61	23.18 0.44 -2.73	25.48 0.53 -2.70	18.39 0.38 -2.35	13.55 0.20 -2.45	10.83 0.19 -2.92
MILLIKEN__2 23585	12.73 0.19 -2.45	12.60 0.21 -2.14	12.32 0.19 -2.01	12.07 0.18 -1.84	12.82 0.23 -1.85	15.27 0.28 -1.67	22.43 0.46 -1.85	26.56 0.54 -1.32	19.96 0.25 -1.81	16.21 0.14 -0.91	15.89 0.14 -0.57	14.65 0.11 -0.77	13.19 0.11 -1.04	13.48 0.10 -1.06	13.06 0.12 -1.13	13.05 0.14 -1.25	14.08 0.17 -1.56	17.11 0.24 -1.91	22.44 0.41 -1.61	23.18 0.44 -2.73	25.48 0.53 -2.70	18.39 0.38 -2.35	13.55 0.20 -2.45	10.83 0.19 -2.92
MILLIKEN__DIESEL 23629	12.73 0.19 -2.45	12.60 0.21 -2.14	12.32 0.19 -2.01	12.07 0.18 -1.84	12.82 0.23 -1.85	15.27 0.28 -1.67	22.43 0.46 -1.85	26.56 0.54 -1.32	19.96 0.25 -1.81	16.21 0.14 -0.91	15.89 0.14 -0.57	14.65 0.11 -0.77	13.19 0.11 -1.04	13.48 0.10 -1.06	13.06 0.12 -1.13	13.05 0.14 -1.25	14.08 0.17 -1.56	17.11 0.24 -1.91	22.44 0.41 -1.61	23.18 0.44 -2.73	25.48 0.53 -2.70	18.39 0.38 -2.35	13.55 0.20 -2.45	10.83 0.19 -2.92
MILLSEAT__LFGE 323607	11.89 -0.13 -1.93	11.84 -0.11 -1.69	11.56 -0.14 -1.59	11.35 -0.16 -1.46	12.07 -0.14 -1.46	14.38 -0.27 -1.32	21.04 -0.54 -1.47	24.68 -1.06 -1.05	18.43 -0.89 -1.43	15.14 -0.74 -0.72	14.92 -0.71 -0.45	13.84 -0.54 -0.61	12.46 -0.41 -0.82	12.78 -0.37 -0.83	12.43 -0.27 -0.89	12.42 -0.22 -0.98	13.34 -0.23 -1.23	15.85 -0.61 -1.50	20.80 -0.90 -1.27	21.12 -1.04 -2.15	23.03 -1.31 -2.10	16.91 -0.52 -1.76	12.45 -0.39 -1.93	9.94 -0.08 -2.30
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	22.64 0.62 -11.94	21.30 0.61 -10.44	20.51 0.58 -9.82	19.62 0.57 -8.99	20.36 0.60 -9.02	22.18 0.72 -8.14	30.30 1.15 -9.04	32.54 1.38 -6.46	27.94 1.22 -8.83	20.66 1.06 -4.43	19.02 1.06 -2.78	18.52 0.98 -3.78	17.99 0.88 -5.06	18.39 0.91 -5.16	18.20 0.89 -5.50	18.62 0.89 -6.07	20.84 0.89 -7.61	25.31 1.05 -9.29	29.68 1.39 -7.87	34.57 1.26 -13.30	36.64 1.38 -13.01	27.58 0.91 -11.00	23.53 0.65 -11.97	22.43 0.48 -14.23

MILLWOOD_13_KV_LOAD 356217	22.66 0.64 -11.94	21.33 0.64 -10.44	20.54 0.61 -9.82	19.65 0.60 -8.99	20.38 0.62 -9.02	22.21 0.75 -8.14	30.34 1.19 -9.04	32.62 1.46 -6.46	27.98 1.25 -8.83	20.69 1.09 -4.43	19.02 1.06 -2.78	18.53 0.99 -3.78	18.00 0.89 -5.06	18.41 0.92 -5.16	18.21 0.90 -5.50	18.62 0.89 -6.07	20.85 0.90 -7.61	25.32 1.06 -9.29	29.70 1.41 -7.87	34.61 1.30 -13.30	36.68 1.42 -13.01	27.61 0.94 -11.00	23.55 0.68 -11.97	22.44 0.49 -14.23
MODEL_CITY_ENERGY 24167	11.75 -0.30 -1.96	11.68 -0.29 -1.71	11.41 -0.31 -1.61	11.19 -0.33 -1.47	11.89 -0.33 -1.48	14.15 -0.51 -1.33	20.67 -0.92 -1.48	24.15 -1.60 -1.06	18.09 -1.25 -1.45	14.89 -1.00 -0.73	14.68 -0.96 -0.45	13.62 -0.76 -0.62	12.27 -0.60 -0.83	12.58 -0.58 -0.84	12.27 -0.45 -0.90	12.27 -0.38 -0.99	13.17 -0.42 -1.24	15.63 -0.85 -1.52	20.44 -1.27 -1.29	20.75 -1.44 -2.17	22.62 -1.76 -2.12	16.64 -0.82 -1.79	12.27 -0.59 -1.96	9.84 -0.22 -2.33
MODERN_LFGE_ 323580	11.75 -0.30 -1.96	11.68 -0.29 -1.71	11.41 -0.31 -1.61	11.19 -0.33 -1.47	11.89 -0.33 -1.48	14.15 -0.51 -1.33	20.67 -0.92 -1.48	24.15 -1.60 -1.06	18.09 -1.25 -1.45	14.89 -1.00 -0.73	14.68 -0.96 -0.45	13.62 -0.76 -0.62	12.27 -0.60 -0.83	12.58 -0.58 -0.84	12.27 -0.45 -0.90	12.27 -0.38 -0.99	13.17 -0.42 -1.24	15.63 -0.85 -1.52	20.44 -1.27 -1.29	20.75 -1.44 -2.17	22.62 -1.76 -2.12	16.64 -0.82 -1.79	12.27 -0.59 -1.96	9.84 -0.22 -2.33
MOHAWK_PAPER___DRP 24187	25.19 0.47 -14.62	23.54 0.49 -12.79	22.63 0.49 -12.03	21.55 0.48 -11.02	22.32 0.53 -11.05	23.95 0.65 -9.97	32.18 0.99 -11.08	33.80 1.19 -7.92	29.54 0.82 -10.83	21.26 0.67 -5.43	19.27 0.68 -3.40	19.00 0.61 -4.63	18.78 0.53 -6.20	19.19 0.54 -6.33	19.09 0.53 -6.74	19.64 0.54 -7.45	22.26 0.59 -9.32	27.04 0.69 -11.39	31.02 0.96 -9.64	37.30 1.00 -16.29	41.90 1.13 -18.51	37.51 0.81 -21.03	26.10 0.53 -14.66	25.51 0.36 -17.42
MOHICAN__35_KV_115KV_LD 80490	25.65 0.56 -15.01	23.93 0.55 -13.12	23.00 0.54 -12.35	21.90 0.54 -11.31	22.68 0.60 -11.34	24.33 0.77 -10.23	32.81 1.31 -11.39	34.39 1.56 -8.14	30.02 1.00 -11.12	21.50 0.76 -5.57	19.41 0.73 -3.50	19.15 0.63 -4.75	19.00 0.58 -6.37	19.40 0.58 -6.50	19.27 0.53 -6.92	19.83 0.52 -7.65	22.55 0.63 -9.58	27.44 0.78 -11.70	31.42 1.10 -9.89	37.99 1.26 -16.72	44.28 1.49 -20.54	42.87 1.10 -26.11	26.62 0.67 -15.05	26.03 0.42 -17.88
MONGAUP___HYD 23641	21.58 0.59 -10.90	20.36 0.57 -9.53	19.64 0.56 -8.97	18.82 0.55 -8.21	19.55 0.57 -8.23	21.39 0.64 -7.43	29.42 1.05 -8.26	31.86 1.26 -5.90	27.02 1.06 -8.07	20.04 0.83 -4.04	18.51 0.79 -2.54	17.93 0.72 -3.45	17.32 0.65 -4.62	17.72 0.69 -4.71	17.44 0.60 -5.02	17.77 0.56 -5.55	19.88 0.59 -6.95	23.98 0.52 -8.49	28.39 0.78 -7.19	32.80 0.64 -12.14	34.87 0.73 -11.89	26.22 0.49 -10.06	22.37 0.53 -10.93	21.13 0.41 -12.99
MONTAUK___DIESEL 23721	25.96 1.25 -14.61	23.41 1.26 -11.89	22.87 1.24 -11.52	22.88 1.24 -11.60	23.50 1.30 -11.45	29.92 1.60 -15.00	31.67 2.47 -9.09	33.78 2.59 -6.49	30.08 2.34 -9.84	23.74 1.99 -6.59	24.66 1.88 -7.59	23.22 1.73 -7.72	22.61 1.54 -9.02	22.80 1.56 -8.91	25.89 1.50 -12.57	26.67 1.50 -13.51	27.18 1.57 -13.27	29.76 1.96 -12.84	31.95 2.68 -8.86	37.24 2.54 -14.69	43.89 2.91 -18.72	32.22 1.93 -14.62	28.35 1.40 -16.05	25.85 0.98 -17.14
MOONROAD_115KV_HARTFLD_TB1-2 355988	12.51 0.17 -2.24	12.42 0.21 -1.96	12.12 0.16 -1.85	11.86 0.12 -1.69	12.60 0.16 -1.70	15.00 0.15 -1.53	22.12 0.30 -1.71	25.99 0.07 -1.22	19.49 -0.07 -1.67	15.97 -0.03 -0.83	15.74 0.03 -0.52	14.53 0.06 -0.71	13.09 0.08 -0.95	13.43 0.14 -0.97	13.07 0.21 -1.04	13.06 0.26 -1.14	14.03 0.26 -1.43	16.74 0.03 -1.75	21.92 0.02 -1.48	22.27 -0.24 -2.50	24.21 -0.49 -2.45	17.58 -0.17 -2.08	12.85 -0.31 -2.25	10.31 -0.09 -2.67
MORTIMER_115KV_TB3 55949	11.65 -0.04 -1.60	11.61 -0.04 -1.40	11.37 -0.06 -1.31	11.18 -0.07 -1.20	11.90 -0.05 -1.21	14.31 -0.11 -1.09	21.10 -0.22 -1.21	25.16 -0.40 -0.86	18.65 -0.43 -1.18	15.41 -0.35 -0.59	15.24 -0.32 -0.37	14.03 -0.23 -0.50	12.56 -0.17 -0.68	12.85 -0.16 -0.69	12.45 -0.11 -0.73	12.37 -0.10 -0.81	13.26 -0.10 -1.02	15.89 -0.31 -1.24	21.05 -0.43 -1.05	21.33 -0.46 -1.78	23.42 -0.56 -1.72	16.93 -0.16 -1.42	12.36 -0.14 -1.60	9.63 0.01 -1.90
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	22.73 0.65 -11.99	21.37 0.63 -10.49	20.58 0.60 -9.87	19.68 0.59 -9.04	20.43 0.62 -9.06	22.25 0.75 -8.17	30.39 1.19 -9.09	32.65 1.46 -6.49	28.09 1.32 -8.87	20.77 1.15 -4.45	19.13 1.15 -2.79	18.63 1.07 -3.79	18.11 0.98 -5.08	18.52 1.01 -5.19	18.32 0.98 -5.52	18.73 0.97 -6.10	20.95 0.96 -7.64	25.46 1.15 -9.34	29.84 1.51 -7.91	34.73 1.36 -13.36	36.79 1.47 -13.07	27.66 0.94 -11.05	23.63 0.70 -12.03	22.53 0.51 -14.29
MUNSVILLE_WIND_PWR 323609	14.40 0.75 -3.56	14.11 0.74 -3.11	13.77 0.73 -2.93	13.49 0.75 -2.68	14.27 0.84 -2.69	16.83 1.08 -2.43	24.60 1.79 -2.70	28.82 2.20 -1.93	21.80 1.27 -2.63	17.34 0.85 -1.32	16.79 0.77 -0.83	15.51 0.62 -1.13	14.08 0.52 -1.51	14.35 0.49 -1.54	13.96 0.51 -1.64	14.00 0.53 -1.81	15.24 0.63 -2.27	18.76 1.02 -2.77	24.44 1.67 -2.35	25.78 1.80 -3.97	28.46 2.07 -4.14	20.86 1.14 -4.05	15.17 0.70 -3.57	12.47 0.51 -4.24
N SALMON___HYD 24042	10.10 0.01 0.00	10.30 0.04 0.00	10.19 0.07 0.00	10.13 0.08 0.00	10.81 0.06 0.00	13.48 0.16 0.00	20.36 0.24 0.00	25.16 0.47 0.00	18.18 0.29 0.00	15.36 0.20 0.00	15.35 0.17 0.00	13.87 0.11 0.00	12.06 0.01 0.00	12.34 0.02 0.00	11.72 -0.09 0.00	11.51 -0.15 0.00	12.22 -0.12 0.00	14.95 -0.01 0.00	20.46 0.04 0.00	20.23 0.22 0.00	22.54 0.29 0.00	15.75 0.08 0.00	10.99 0.09 0.00	7.74 0.02 0.00
N.AKRON__115KV_KNAPP 355671	11.90 -0.12 -1.93	11.84 -0.10 -1.69	11.56 -0.14 -1.59	11.36 -0.15 -1.46	12.06 -0.14 -1.46	14.39 -0.25 -1.32	21.05 -0.52 -1.46	24.70 -1.04 -1.04	18.44 -0.88 -1.42	15.17 -0.71 -0.71	14.95 -0.68 -0.45	13.86 -0.51 -0.61	12.48 -0.39 -0.82	12.79 -0.36 -0.83	12.46 -0.25 -0.89	12.43 -0.21 -0.98	13.35 -0.22 -1.23	15.87 -0.60 -1.50	20.82 -0.88 -1.27	21.12 -1.04 -2.15	23.06 -1.29 -2.10	16.93 -0.50 -1.76	12.45 -0.39 -1.94	9.94 -0.08 -2.30
N.BELMOR_69_KV_BK1 55787	25.56 0.86 -14.61	23.00 0.85 -11.89	22.45 0.82 -11.52	22.46 0.81 -11.60	23.04 0.85 -11.45	29.36 1.04 -15.00	30.79 1.59 -9.09	32.84 1.65 -6.49	29.38 1.65 -9.84	23.18 1.43 -6.59	24.17 1.40 -7.59	22.76 1.28 -7.72	22.22 1.16 -9.02	22.43 1.19 -8.91	25.54 1.15 -12.57	26.31 1.14 -13.51	26.77 1.16 -13.27	29.18 1.38 -12.83	31.12 1.84 -8.86	36.38 1.68 -14.69	42.87 1.89 -18.72	31.53 1.24 -14.62	27.87 0.92 -16.05	25.53 0.66 -17.14
N.E._GEN_SANDY PD 24062	23.99 0.43 -13.47	22.48 0.45 -11.78	21.64 0.44 -11.08	20.64 0.44 -10.15	21.40 0.48 -10.17	23.09 0.59 -9.18	31.16 0.84 -10.20	33.00 1.01 -7.29	28.63 0.77 -9.96	20.83 0.67 -4.99	19.00 0.68 -3.13	18.66 0.63 -4.26	18.30 0.54 -5.71	18.70 0.55 -5.82	18.56 0.54 -6.20	19.05 0.54 -6.85	21.50 0.57 -8.58	26.11 0.66 -10.49	30.20 0.90 -8.88	35.92 1.00 -15.00	37.60 1.00 -14.35	32.00 0.71 -15.62	24.90 0.49 -13.50	24.11 0.34 -16.05

N. HEMPST_138_KV_BK345_REV_LBMP_G 345014	22.34 0.63 -11.62	21.04 0.62 -10.17	20.27 0.59 -9.56	19.39 0.58 -8.76	20.14 0.61 -8.78	21.97 0.72 -7.92	30.07 1.15 -8.81	32.40 1.41 -6.29	27.73 1.23 -8.60	20.54 1.06 -4.31	18.95 1.06 -2.70	18.42 0.98 -3.68	17.87 0.89 -4.93	18.27 0.92 -5.03	18.07 0.90 -5.35	18.46 0.89 -5.91	20.65 0.90 -7.41	25.08 1.06 -9.05	29.50 1.41 -7.66	34.24 1.28 -12.95	36.32 1.40 -12.67	27.31 0.92 -10.72	23.24 0.68 -11.66	22.06 0.48 -13.85
N. QUEENS_27_KV_LOAD 356247	22.74 0.66 -11.99	21.35 0.61 -10.49	20.55 0.57 -9.87	19.65 0.56 -9.04	20.38 0.58 -9.06	22.15 0.65 -8.17	30.24 1.05 -9.09	32.52 1.33 -6.49	28.04 1.27 -8.87	20.74 1.12 -4.45	19.16 1.18 -2.79	18.66 1.10 -3.79	18.14 1.01 -5.08	18.55 1.05 -5.19	18.37 1.03 -5.52	18.77 1.00 -6.10	20.94 0.95 -7.64	25.47 1.17 -9.34	29.84 1.51 -7.91	34.67 1.30 -13.36	36.75 1.42 -13.07	27.58 0.86 -11.05	23.59 0.65 -12.03	22.54 0.52 -14.29
N. TROY___115KV_TB1 355778	25.20 0.41 -14.69	23.55 0.44 -12.85	22.63 0.42 -12.09	21.54 0.42 -11.07	22.31 0.47 -11.10	23.94 0.60 -10.01	32.14 0.88 -11.14	33.72 1.06 -7.96	29.49 0.72 -10.88	21.21 0.59 -5.45	19.20 0.59 -3.42	18.95 0.54 -4.65	18.75 0.47 -6.23	19.15 0.47 -6.36	19.05 0.46 -6.77	19.60 0.45 -7.48	22.22 0.51 -9.37	27.02 0.61 -11.44	30.97 0.86 -9.69	37.30 0.92 -16.36	42.59 1.02 -19.31	39.65 0.75 -23.23	26.13 0.49 -14.73	25.56 0.32 -17.51
NARROWS_GT1_1 24228	22.76 0.68 -11.99	21.38 0.64 -10.49	20.58 0.60 -9.87	19.68 0.59 -9.04	20.41 0.61 -9.06	22.20 0.71 -8.17	30.35 1.15 -9.09	32.60 1.41 -6.49	28.11 1.34 -8.87	20.77 1.15 -4.45	19.16 1.19 -2.79	18.66 1.10 -3.79	18.13 1.00 -5.08	18.55 1.05 -5.19	18.36 1.02 -5.52	18.78 1.01 -6.10	20.96 0.98 -7.64	25.53 1.23 -9.34	29.94 1.61 -7.91	34.73 1.36 -13.36	36.83 1.51 -13.07	27.64 0.92 -11.05	23.63 0.70 -12.03	22.55 0.53 -14.29
NARROWS_GT1_2 24229	22.76 0.68 -11.99	21.38 0.64 -10.49	20.58 0.60 -9.87	19.68 0.59 -9.04	20.41 0.61 -9.06	22.20 0.71 -8.17	30.35 1.15 -9.09	32.60 1.41 -6.49	28.11 1.34 -8.87	20.77 1.15 -4.45	19.16 1.19 -2.79	18.66 1.10 -3.79	18.13 1.00 -5.08	18.55 1.05 -5.19	18.36 1.02 -5.52	18.78 1.01 -6.10	20.96 0.98 -7.64	25.53 1.23 -9.34	29.94 1.61 -7.91	34.73 1.36 -13.36	36.83 1.51 -13.07	27.64 0.92 -11.05	23.63 0.70 -12.03	22.55 0.53 -14.29
NARROWS_GT1_3 24230	22.76 0.68 -11.99	21.38 0.64 -10.49	20.58 0.60 -9.87	19.68 0.59 -9.04	20.41 0.61 -9.06	22.20 0.71 -8.17	30.35 1.15 -9.09	32.60 1.41 -6.49	28.11 1.34 -8.87	20.77 1.15 -4.45	19.16 1.19 -2.79	18.66 1.10 -3.79	18.13 1.00 -5.08	18.55 1.05 -5.19	18.36 1.02 -5.52	18.78 1.01 -6.10	20.96 0.98 -7.64	25.53 1.23 -9.34	29.94 1.61 -7.91	34.73 1.36 -13.36	36.83 1.51 -13.07	27.64 0.92 -11.05	23.63 0.70 -12.03	22.55 0.53 -14.29
NARROWS_GT1_4 24231	22.76 0.68 -11.99	21.38 0.64 -10.49	20.58 0.60 -9.87	19.68 0.59 -9.04	20.41 0.61 -9.06	22.20 0.71 -8.17	30.35 1.15 -9.09	32.60 1.41 -6.49	28.11 1.34 -8.87	20.77 1.15 -4.45	19.16 1.19 -2.79	18.66 1.10 -3.79	18.13 1.00 -5.08	18.55 1.05 -5.19	18.36 1.02 -5.52	18.78 1.01 -6.10	20.96 0.98 -7.64	25.53 1.23 -9.34	29.94 1.61 -7.91	34.73 1.36 -13.36	36.83 1.51 -13.07	27.64 0.92 -11.05	23.63 0.70 -12.03	22.55 0.53 -14.29
NARROWS_GT1_5 24232	22.76 0.68 -11.99	21.38 0.64 -10.49	20.58 0.60 -9.87	19.68 0.59 -9.04	20.41 0.61 -9.06	22.20 0.71 -8.17	30.35 1.15 -9.09	32.60 1.41 -6.49	28.11 1.34 -8.87	20.77 1.15 -4.45	19.16 1.19 -2.79	18.66 1.10 -3.79	18.13 1.00 -5.08	18.55 1.05 -5.19	18.36 1.02 -5.52	18.78 1.01 -6.10	20.96 0.98 -7.64	25.53 1.23 -9.34	29.94 1.61 -7.91	34.73 1.36 -13.36	36.83 1.51 -13.07	27.64 0.92 -11.05	23.63 0.70 -12.03	22.55 0.53 -14.29
NARROWS_GT1_6 24233	22.76 0.68 -11.99	21.38 0.64 -10.49	20.58 0.60 -9.87	19.68 0.59 -9.04	20.41 0.61 -9.06	22.20 0.71 -8.17	30.35 1.15 -9.09	32.60 1.41 -6.49	28.11 1.34 -8.87	20.77 1.15 -4.45	19.16 1.19 -2.79	18.66 1.10 -3.79	18.13 1.00 -5.08	18.55 1.05 -5.19	18.36 1.02 -5.52	18.78 1.01 -6.10	20.96 0.98 -7.64	25.53 1.23 -9.34	29.94 1.61 -7.91	34.73 1.36 -13.36	36.83 1.51 -13.07	27.64 0.92 -11.05	23.63 0.70 -12.03	22.55 0.53 -14.29
NARROWS_GT1_7 24234	22.76 0.68 -11.99	21.38 0.64 -10.49	20.58 0.60 -9.87	19.68 0.59 -9.04	20.41 0.61 -9.06	22.20 0.71 -8.17	30.35 1.15 -9.09	32.60 1.41 -6.49	28.11 1.34 -8.87	20.77 1.15 -4.45	19.16 1.19 -2.79	18.66 1.10 -3.79	18.13 1.00 -5.08	18.55 1.05 -5.19	18.36 1.02 -5.52	18.78 1.01 -6.10	20.96 0.98 -7.64	25.53 1.23 -9.34	29.94 1.61 -7.91	34.73 1.36 -13.36	36.83 1.51 -13.07	27.64 0.92 -11.05	23.63 0.70 -12.03	22.55 0.53 -14.29
NARROWS_GT1_8 24235	22.76 0.68 -11.99	21.38 0.64 -10.49	20.58 0.60 -9.87	19.68 0.59 -9.04	20.41 0.61 -9.06	22.20 0.71 -8.17	30.35 1.15 -9.09	32.60 1.41 -6.49	28.11 1.34 -8.87	20.77 1.15 -4.45	19.16 1.19 -2.79	18.66 1.10 -3.79	18.13 1.00 -5.08	18.55 1.05 -5.19	18.36 1.02 -5.52	18.78 1.01 -6.10	20.96 0.98 -7.64	25.53 1.23 -9.34	29.94 1.61 -7.91	34.73 1.36 -13.36	36.83 1.51 -13.07	27.64 0.92 -11.05	23.63 0.70 -12.03	22.55 0.53 -14.29
NARROWS_GT2_1 24236	22.76 0.68 -11.99	21.38 0.64 -10.49	20.58 0.60 -9.87	19.68 0.59 -9.04	20.41 0.61 -9.06	22.20 0.71 -8.17	30.35 1.15 -9.09	32.60 1.41 -6.49	28.11 1.34 -8.87	20.77 1.15 -4.45	19.16 1.19 -2.79	18.66 1.10 -3.79	18.13 1.00 -5.08	18.55 1.05 -5.19	18.36 1.02 -5.52	18.78 1.01 -6.10	20.96 0.98 -7.64	25.53 1.23 -9.34	29.94 1.61 -7.91	34.73 1.36 -13.36	36.83 1.51 -13.07	27.64 0.92 -11.05	23.63 0.70 -12.03	22.55 0.53 -14.29
NARROWS_GT2_2 24237	22.76 0.68 -11.99	21.38 0.64 -10.49	20.58 0.60 -9.87	19.68 0.59 -9.04	20.41 0.61 -9.06	22.20 0.71 -8.17	30.35 1.15 -9.09	32.60 1.41 -6.49	28.11 1.34 -8.87	20.77 1.15 -4.45	19.16 1.19 -2.79	18.66 1.10 -3.79	18.13 1.00 -5.08	18.55 1.05 -5.19	18.36 1.02 -5.52	18.78 1.01 -6.10	20.96 0.98 -7.64	25.53 1.23 -9.34	29.94 1.61 -7.91	34.73 1.36 -13.36	36.83 1.51 -13.07	27.64 0.92 -11.05	23.63 0.70 -12.03	22.55 0.53 -14.29
NARROWS_GT2_3 24238	22.76 0.68 -11.99	21.38 0.64 -10.49	20.58 0.60 -9.87	19.68 0.59 -9.04	20.41 0.61 -9.06	22.20 0.71 -8.17	30.35 1.15 -9.09	32.60 1.41 -6.49	28.11 1.34 -8.87	20.77 1.15 -4.45	19.16 1.19 -2.79	18.66 1.10 -3.79	18.13 1.00 -5.08	18.55 1.05 -5.19	18.36 1.02 -5.52	18.78 1.01 -6.10	20.96 0.98 -7.64	25.53 1.23 -9.34	29.94 1.61 -7.91	34.73 1.36 -13.36	36.83 1.51 -13.07	27.64 0.92 -11.05	23.63 0.70 -12.03	22.55 0.53 -14.29
NARROWS_GT2_4 24239	22.76 0.68 -11.99	21.38 0.64 -10.49	20.58 0.60 -9.87	19.68 0.59 -9.04	20.41 0.61 -9.06	22.20 0.71 -8.17	30.35 1.15 -9.09	32.60 1.41 -6.49	28.11 1.34 -8.87	20.77 1.15 -4.45	19.16 1.19 -2.79	18.66 1.10 -3.79	18.13 1.00 -5.08	18.55 1.05 -5.19	18.36 1.02 -5.52	18.78 1.01 -6.10	20.96 0.98 -7.64	25.53 1.23 -9.34	29.94 1.61 -7.91	34.73 1.36 -13.36	36.83 1.51 -13.07	27.64 0.92 -11.05	23.63 0.70 -12.03	22.55 0.53 -14.29

NARROWS_GT2_5 24240	22.76 0.68 -11.99	21.38 0.64 -10.49	20.58 0.60 -9.87	19.68 0.59 -9.04	20.41 0.61 -9.06	22.20 0.71 -8.17	30.35 1.15 -9.09	32.60 1.41 -6.49	28.11 1.34 -8.87	20.77 1.15 -4.45	19.16 1.19 -2.79	18.66 1.10 -3.79	18.13 1.00 -5.08	18.55 1.05 -5.19	18.36 1.02 -5.52	18.78 1.01 -6.10	20.96 0.98 -7.64	25.53 1.23 -9.34	29.94 1.61 -7.91	34.73 1.36 -13.36	36.83 1.51 -13.07	27.64 0.92 -11.05	23.63 0.70 -12.03	22.55 0.53 -14.29
NARROWS_GT2_6 24241	22.76 0.68 -11.99	21.38 0.64 -10.49	20.58 0.60 -9.87	19.68 0.59 -9.04	20.41 0.61 -9.06	22.20 0.71 -8.17	30.35 1.15 -9.09	32.60 1.41 -6.49	28.11 1.34 -8.87	20.77 1.15 -4.45	19.16 1.19 -2.79	18.66 1.10 -3.79	18.13 1.00 -5.08	18.55 1.05 -5.19	18.36 1.02 -5.52	18.78 1.01 -6.10	20.96 0.98 -7.64	25.53 1.23 -9.34	29.94 1.61 -7.91	34.73 1.36 -13.36	36.83 1.51 -13.07	27.64 0.92 -11.05	23.63 0.70 -12.03	22.55 0.53 -14.29
NARROWS_GT2_7 24242	22.76 0.68 -11.99	21.38 0.64 -10.49	20.58 0.60 -9.87	19.68 0.59 -9.04	20.41 0.61 -9.06	22.20 0.71 -8.17	30.35 1.15 -9.09	32.60 1.41 -6.49	28.11 1.34 -8.87	20.77 1.15 -4.45	19.16 1.19 -2.79	18.66 1.10 -3.79	18.13 1.00 -5.08	18.55 1.05 -5.19	18.36 1.02 -5.52	18.78 1.01 -6.10	20.96 0.98 -7.64	25.53 1.23 -9.34	29.94 1.61 -7.91	34.73 1.36 -13.36	36.83 1.51 -13.07	27.64 0.92 -11.05	23.63 0.70 -12.03	22.55 0.53 -14.29
NARROWS_GT2_8 24243	22.76 0.68 -11.99	21.38 0.64 -10.49	20.58 0.60 -9.87	19.68 0.59 -9.04	20.41 0.61 -9.06	22.20 0.71 -8.17	30.35 1.15 -9.09	32.60 1.41 -6.49	28.11 1.34 -8.87	20.77 1.15 -4.45	19.16 1.19 -2.79	18.66 1.10 -3.79	18.13 1.00 -5.08	18.55 1.05 -5.19	18.36 1.02 -5.52	18.78 1.01 -6.10	20.96 0.98 -7.64	25.53 1.23 -9.34	29.94 1.61 -7.91	34.73 1.36 -13.36	36.83 1.51 -13.07	27.64 0.92 -11.05	23.63 0.70 -12.03	22.55 0.53 -14.29
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	24.23 0.48 -13.66	22.71 0.51 -11.94	21.86 0.51 -11.24	20.84 0.50 -10.29	21.60 0.54 -10.31	23.27 0.64 -9.31	31.52 1.07 -10.34	33.32 1.23 -7.39	28.82 0.82 -10.10	20.79 0.56 -5.06	18.90 0.55 -3.17	18.55 0.47 -4.32	18.24 0.41 -5.79	18.63 0.41 -5.90	18.48 0.38 -6.29	19.01 0.41 -6.94	21.54 0.49 -8.70	26.16 0.57 -10.62	30.32 0.90 -9.00	36.18 0.96 -15.21	39.29 1.07 -15.97	32.26 0.83 -15.77	25.15 0.56 -13.69	24.32 0.32 -16.27
NCHELSEA_115KV_TR2 355582	22.69 0.65 -11.96	21.35 0.64 -10.46	20.57 0.62 -9.84	19.67 0.61 -9.01	20.41 0.63 -9.03	22.21 0.73 -8.15	30.36 1.19 -9.06	32.63 1.46 -6.47	27.98 1.23 -8.85	20.63 1.03 -4.43	18.98 1.02 -2.78	18.48 0.94 -3.78	17.96 0.84 -5.07	18.37 0.87 -5.17	18.16 0.84 -5.51	18.60 0.85 -6.08	20.84 0.88 -7.62	25.28 1.00 -9.31	29.70 1.39 -7.88	34.59 1.26 -13.32	36.69 1.38 -13.06	27.69 0.92 -11.10	23.58 0.69 -11.99	22.45 0.47 -14.25
NEG CAPITAL___MECHNVIL 23645	25.50 0.51 -14.90	23.82 0.53 -13.03	22.89 0.52 -12.26	21.79 0.51 -11.23	22.57 0.57 -11.25	24.20 0.72 -10.15	32.55 1.15 -11.29	34.12 1.36 -8.07	29.83 0.91 -11.02	21.42 0.73 -5.53	19.37 0.71 -3.47	19.11 0.63 -4.72	18.94 0.57 -6.32	19.34 0.57 -6.45	19.22 0.53 -6.87	19.79 0.54 -7.59	22.47 0.62 -9.50	27.33 0.75 -11.61	31.32 1.06 -9.83	37.77 1.14 -16.62	43.74 1.31 -20.17	41.86 0.96 -25.24	26.47 0.61 -14.96	25.88 0.40 -17.76
NEG CENTRAL_HIGH_ACRES 23767	11.45 -0.20 -1.56	11.43 -0.20 -1.37	11.20 -0.20 -1.29	11.02 -0.21 -1.18	11.73 -0.19 -1.18	14.11 -0.28 -1.07	20.86 -0.44 -1.19	24.93 -0.62 -0.85	18.46 -0.59 -1.16	15.25 -0.50 -0.58	15.09 -0.46 -0.36	13.87 -0.39 -0.49	12.40 -0.31 -0.66	12.69 -0.31 -0.68	12.28 -0.26 -0.72	12.21 -0.25 -0.80	13.08 -0.26 -1.00	15.75 -0.43 -1.22	20.86 -0.59 -1.03	21.17 -0.58 -1.74	23.27 -0.67 -1.69	16.74 -0.31 -1.39	12.21 -0.26 -1.57	9.49 -0.10 -1.86
NEG CENTRAL___DRP 24199	11.82 0.05 -1.68	11.79 0.06 -1.47	11.55 0.05 -1.38	11.36 0.04 -1.27	12.10 0.09 -1.27	14.56 0.09 -1.14	21.59 0.20 -1.27	25.80 0.20 -0.91	19.14 0.00 -1.24	15.73 -0.06 -0.62	15.54 -0.03 -0.39	14.25 -0.04 -0.53	12.74 -0.02 -0.71	13.02 -0.02 -0.73	12.60 0.01 -0.77	12.54 0.02 -0.85	13.45 0.04 -1.07	16.29 0.01 -1.31	21.61 0.08 -1.11	21.98 0.10 -1.87	24.20 0.13 -1.82	17.32 0.14 -1.51	12.62 0.03 -1.68	9.81 0.08 -2.00
NEG CENTRAL___INDECK 23768	12.61 0.51 -2.01	12.54 0.53 -1.76	12.29 0.53 -1.65	12.07 0.50 -1.51	12.86 0.60 -1.52	15.44 0.75 -1.37	22.80 1.17 -1.52	27.07 1.28 -1.09	19.94 0.56 -1.49	16.23 0.32 -0.74	15.97 0.32 -0.47	14.63 0.23 -0.64	13.14 0.24 -0.85	13.45 0.26 -0.87	13.06 0.32 -0.92	13.02 0.34 -1.02	14.01 0.38 -1.28	17.01 0.48 -1.56	22.56 0.82 -1.32	23.19 0.94 -2.24	25.51 1.07 -2.19	18.34 0.83 -1.85	13.40 0.48 -2.01	10.55 0.43 -2.39
NEG CENTRAL___SENECA 23627	12.05 0.13 -1.82	12.01 0.15 -1.60	11.76 0.14 -1.50	11.56 0.13 -1.37	12.30 0.18 -1.38	14.78 0.21 -1.24	21.88 0.38 -1.38	26.05 0.37 -0.99	19.35 0.11 -1.35	15.87 0.03 -0.68	15.65 0.05 -0.42	14.38 0.04 -0.58	12.87 0.05 -0.77	13.16 0.05 -0.79	12.75 0.09 -0.84	12.69 0.10 -0.93	13.63 0.12 -1.16	16.49 0.10 -1.42	21.85 0.22 -1.20	22.26 0.22 -2.03	24.50 0.27 -1.98	17.58 0.25 -1.66	12.83 0.10 -1.83	10.05 0.15 -2.17
NEG CENTRAL___STATE_STREET 24147	11.78 0.03 -1.66	11.75 0.04 -1.45	11.50 0.02 -1.36	11.32 0.02 -1.25	12.05 0.05 -1.25	14.53 0.08 -1.13	21.51 0.14 -1.26	25.77 0.17 -0.90	19.16 0.04 -1.23	15.75 -0.03 -0.61	15.57 0.00 -0.39	14.29 0.00 -0.52	12.75 0.00 -0.70	13.04 0.00 -0.72	12.62 0.04 -0.76	12.54 0.03 -0.84	13.45 0.05 -1.06	16.30 0.04 -1.29	21.62 0.10 -1.09	21.98 0.12 -1.85	24.22 0.18 -1.79	17.30 0.14 -1.49	12.61 0.04 -1.66	9.78 0.08 -1.97
NEG MILLWOOD___DRP 24198	22.86 0.69 -12.08	21.50 0.68 -10.56	20.71 0.66 -9.94	19.80 0.65 -9.10	20.54 0.68 -9.12	22.34 0.79 -8.23	30.53 1.27 -9.15	32.82 1.58 -6.54	28.12 1.29 -8.94	20.75 1.11 -4.48	19.04 1.05 -2.81	18.56 0.98 -3.82	18.05 0.88 -5.12	18.44 0.90 -5.22	18.24 0.86 -5.56	18.67 0.86 -6.15	20.93 0.89 -7.70	25.42 1.05 -9.40	29.82 1.43 -7.96	34.81 1.34 -13.46	36.87 1.45 -13.18	27.81 0.97 -11.17	23.71 0.70 -12.11	22.63 0.51 -14.39
NEG NORTH_FLCN_SEA 23793	10.16 0.07 0.00	10.36 0.10 0.00	10.26 0.14 0.00	10.18 0.13 0.00	10.86 0.12 0.00	13.54 0.21 0.00	20.46 0.34 0.00	25.31 0.62 0.00	18.29 0.39 0.00	15.47 0.30 0.00	15.46 0.27 0.00	13.97 0.21 0.00	12.18 0.13 0.00	12.49 0.17 0.00	11.90 0.08 0.00	11.69 0.03 0.00	12.41 0.06 0.00	15.16 0.19 0.00	20.73 0.31 0.00	20.49 0.48 0.00	22.79 0.53 0.00	15.92 0.25 0.00	11.10 0.20 0.00	7.80 0.08 0.00
NEG NORTH_KES_CHATEGAY 23792	10.06 -0.03 0.00	10.26 0.00 0.00	10.14 0.03 0.00	10.08 0.03 0.00	10.74 0.00 0.00	13.39 0.07 0.00	20.21 0.10 0.00	24.99 0.30 0.00	18.06 0.16 0.00	15.27 0.11 0.00	15.26 0.08 0.00	13.80 0.04 0.00	12.04 -0.01 0.00	12.33 0.01 0.00	11.76 -0.06 0.00	11.57 -0.09 0.00	12.27 -0.07 0.00	14.97 0.00 0.00	20.48 0.06 0.00	20.23 0.22 0.00	22.50 0.24 0.00	15.73 0.06 0.00	10.97 0.07 0.00	7.71 -0.02 0.00

NEG NORTH___ALICE_FALLS 23915	10.18 0.09 0.00	10.38 0.12 0.00	10.27 0.15 0.00	10.20 0.15 0.00	10.88 0.14 0.00	13.59 0.27 0.00	20.54 0.42 0.00	25.39 0.69 0.00	18.34 0.45 0.00	15.49 0.32 0.00	15.46 0.27 0.00	13.98 0.22 0.00	12.18 0.13 0.00	12.49 0.17 0.00	11.90 0.08 0.00	11.68 0.02 0.00	12.41 0.06 0.00	15.16 0.19 0.00	20.77 0.35 0.00	20.55 0.54 0.00	22.83 0.58 0.00	15.93 0.27 0.00	11.11 0.21 0.00	7.80 0.08 0.00
NEG NORTH___LWR_SARANAC 23913	10.18 0.09 0.00	10.38 0.12 0.00	10.27 0.15 0.00	10.20 0.15 0.00	10.88 0.14 0.00	13.59 0.27 0.00	20.54 0.42 0.00	25.39 0.69 0.00	18.34 0.45 0.00	15.49 0.32 0.00	15.46 0.27 0.00	13.98 0.22 0.00	12.18 0.13 0.00	12.49 0.17 0.00	11.90 0.08 0.00	11.68 0.02 0.00	12.41 0.06 0.00	15.16 0.19 0.00	20.77 0.35 0.00	20.55 0.54 0.00	22.83 0.58 0.00	15.93 0.27 0.00	11.11 0.21 0.00	7.80 0.08 0.00
NEG NORTH___PLATTSBURG 23628	10.18 0.09 0.00	10.38 0.12 0.00	10.27 0.15 0.00	10.20 0.15 0.00	10.88 0.14 0.00	13.59 0.27 0.00	20.54 0.42 0.00	25.39 0.69 0.00	18.34 0.45 0.00	15.49 0.32 0.00	15.46 0.27 0.00	13.98 0.22 0.00	12.18 0.13 0.00	12.49 0.17 0.00	11.90 0.08 0.00	11.68 0.02 0.00	12.41 0.06 0.00	15.16 0.19 0.00	20.77 0.35 0.00	20.53 0.52 0.00	22.83 0.58 0.00	15.93 0.27 0.00	11.11 0.21 0.00	7.80 0.08 0.00
NEG WEST_LEA_LOCKPORT 23791	11.83 -0.21 -1.95	11.77 -0.19 -1.71	11.49 -0.23 -1.60	11.27 -0.25 -1.47	11.97 -0.25 -1.47	14.25 -0.40 -1.33	20.84 -0.74 -1.47	24.39 -1.36 -1.05	18.24 -1.09 -1.44	15.02 -0.86 -0.72	14.82 -0.82 -0.45	13.75 -0.63 -0.61	12.38 -0.49 -0.82	12.70 -0.46 -0.84	12.37 -0.34 -0.90	12.37 -0.28 -0.99	13.27 -0.32 -1.24	15.77 -0.72 -1.52	20.63 -1.08 -1.29	20.92 -1.26 -2.17	22.84 -1.54 -2.12	16.77 -0.67 -1.78	12.36 -0.50 -1.96	9.89 -0.15 -2.32
NEG WEST___LANCASTR 23811	12.03 -0.29 -2.23	11.93 -0.28 -1.95	11.65 -0.30 -1.84	11.40 -0.33 -1.68	12.11 -0.32 -1.69	14.39 -0.45 -1.52	21.09 -0.72 -1.70	24.67 -1.23 -1.21	18.55 -1.00 -1.66	15.16 -0.83 -0.83	14.93 -0.77 -0.52	13.83 -0.65 -0.71	12.48 -0.52 -0.95	12.81 -0.48 -0.97	12.47 -0.38 -1.03	12.48 -0.31 -1.14	13.42 -0.35 -1.42	16.03 -0.67 -1.74	20.93 -0.96 -1.47	21.36 -1.14 -2.49	23.29 -1.40 -2.44	17.02 -0.72 -2.07	12.57 -0.58 -2.24	10.15 -0.24 -2.66
NEG_PENN_ALLEGHNY 23528	14.00 0.14 -3.76	13.69 0.14 -3.29	13.34 0.13 -3.10	13.01 0.12 -2.84	13.74 0.15 -2.84	16.06 0.17 -2.57	23.25 0.28 -2.85	27.01 0.27 -2.04	20.82 0.14 -2.79	16.65 0.09 -1.40	16.17 0.11 -0.88	15.05 0.10 -1.19	13.74 0.10 -1.60	14.05 0.10 -1.63	13.68 0.13 -1.74	13.73 0.15 -1.92	14.91 0.16 -2.40	18.05 0.15 -2.94	23.15 0.25 -2.49	24.39 0.18 -4.20	26.64 0.20 -4.19	19.59 0.20 -3.72	14.78 0.10 -3.78	12.34 0.13 -4.49
NEG___GEN_MONROE 24207	11.76 0.07 -1.60	11.72 0.07 -1.40	11.46 0.03 -1.31	11.27 0.02 -1.20	12.00 0.05 -1.21	14.44 0.03 -1.09	21.28 -0.04 -1.21	25.41 -0.15 -0.86	18.79 -0.29 -1.18	15.49 -0.27 -0.59	15.31 -0.24 -0.37	14.10 -0.17 -0.50	12.59 -0.13 -0.68	12.90 -0.11 -0.69	12.50 -0.05 -0.73	12.41 -0.06 -0.81	13.31 -0.05 -1.02	15.97 -0.24 -1.24	21.17 -0.31 -1.05	21.47 -0.32 -1.78	23.62 -0.36 -1.72	17.07 -0.02 -1.42	12.48 -0.02 -1.60	9.70 0.08 -1.90
NEPA___ENERGY 23901	12.39 0.04 -2.26	12.29 0.06 -1.98	12.00 0.03 -1.86	11.75 0.00 -1.70	12.48 0.03 -1.71	14.84 -0.03 -1.54	21.75 -0.08 -1.72	25.48 -0.44 -1.23	19.16 -0.41 -1.68	15.67 -0.33 -0.84	15.42 -0.29 -0.53	14.29 -0.19 -0.72	12.89 -0.12 -0.96	13.21 -0.09 -0.98	12.87 0.01 -1.04	12.87 0.06 -1.15	13.83 0.05 -1.44	16.52 -0.21 -1.76	21.59 -0.33 -1.49	22.03 -0.50 -2.52	24.01 -0.71 -2.47	17.55 -0.22 -2.10	12.93 -0.24 -2.27	10.42 0.00 -2.69
NEVERSINK___HYD 23608	20.93 0.68 -10.16	19.80 0.66 -8.88	19.11 0.64 -8.36	18.35 0.64 -7.65	19.06 0.64 -7.67	20.93 0.68 -6.92	29.02 1.21 -7.70	31.65 1.46 -5.50	26.66 1.25 -7.52	19.89 0.96 -3.77	18.47 0.93 -2.36	17.80 0.83 -3.21	17.10 0.75 -4.31	17.50 0.79 -4.39	17.24 0.74 -4.68	17.61 0.78 -5.17	19.66 0.84 -6.47	23.80 0.93 -7.91	28.47 1.35 -6.70	32.51 1.18 -11.32	34.75 1.31 -11.19	26.26 0.88 -9.71	21.79 0.70 -10.19	20.26 0.43 -12.11
NEWKRMKL_115KV_TB1 55635	25.08 0.45 -14.54	23.44 0.47 -12.71	22.54 0.47 -11.96	21.47 0.46 -10.96	22.23 0.50 -10.98	23.86 0.63 -9.91	32.03 0.91 -11.01	33.65 1.09 -7.87	29.44 0.79 -10.76	21.21 0.65 -5.39	19.23 0.67 -3.38	18.97 0.61 -4.60	18.74 0.53 -6.16	19.15 0.54 -6.29	19.03 0.52 -6.70	19.58 0.52 -7.40	22.18 0.57 -9.26	26.92 0.64 -11.31	30.90 0.90 -9.58	37.12 0.92 -16.19	41.18 1.00 -17.92	35.91 0.74 -19.51	25.98 0.50 -14.57	25.38 0.34 -17.32
NEWTON___FALLS_HYD 23847	10.44 -0.03 -0.38	10.55 -0.04 -0.34	10.40 -0.03 -0.32	10.32 -0.02 -0.29	11.02 -0.01 -0.29	13.63 0.04 -0.26	20.50 0.10 -0.29	25.10 0.20 -0.21	18.20 0.02 -0.28	15.25 -0.06 -0.14	15.18 -0.09 -0.09	13.75 -0.14 -0.12	11.96 -0.25 -0.16	12.19 -0.30 -0.17	11.60 -0.39 -0.18	11.46 -0.40 -0.20	12.19 -0.31 -0.24	14.95 -0.40 -0.30	20.37 -0.31 -0.25	20.28 -0.16 -0.43	22.52 -0.07 -0.34	15.60 -0.19 -0.12	11.25 -0.04 -0.38	8.15 -0.03 -0.46
NGRID_A1_DSASP 323792	11.65 -0.41 -1.97	11.57 -0.41 -1.72	11.30 -0.43 -1.62	11.10 -0.43 -1.49	11.78 -0.45 -1.49	14.02 -0.65 -1.34	20.46 -1.15 -1.49	23.89 -1.88 -1.07	17.92 -1.43 -1.46	14.75 -1.15 -0.73	14.53 -1.11 -0.46	13.49 -0.89 -0.62	12.17 -0.71 -0.83	12.48 -0.69 -0.85	12.16 -0.56 -0.90	12.16 -0.50 -1.00	13.04 -0.56 -1.25	15.47 -1.02 -1.53	20.23 -1.49 -1.29	20.58 -1.62 -2.18	22.43 -1.96 -2.13	16.48 -0.99 -1.80	12.18 -0.69 -1.97	9.77 -0.29 -2.34
NGRID_A2_DSASP 323793	11.65 -0.41 -1.97	11.57 -0.41 -1.72	11.30 -0.43 -1.62	11.10 -0.43 -1.49	11.78 -0.45 -1.49	14.02 -0.65 -1.34	20.46 -1.15 -1.49	23.89 -1.88 -1.07	17.92 -1.43 -1.46	14.75 -1.15 -0.73	14.53 -1.11 -0.46	13.49 -0.89 -0.62	12.17 -0.71 -0.83	12.48 -0.69 -0.85	12.16 -0.56 -0.90	12.16 -0.50 -1.00	13.04 -0.56 -1.25	15.47 -1.02 -1.53	20.23 -1.49 -1.29	20.58 -1.62 -2.18	22.43 -1.96 -2.13	16.48 -0.99 -1.80	12.18 -0.69 -1.97	9.77 -0.29 -2.34
NGRID_A4_DSASP 323807	11.65 -0.41 -1.97	11.57 -0.41 -1.72	11.30 -0.43 -1.62	11.10 -0.43 -1.49	11.78 -0.45 -1.49	14.02 -0.65 -1.34	20.46 -1.15 -1.49	23.89 -1.88 -1.07	17.92 -1.43 -1.46	14.75 -1.15 -0.73	14.53 -1.11 -0.46	13.49 -0.89 -0.62	12.17 -0.71 -0.83	12.48 -0.69 -0.85	12.16 -0.56 -0.90	12.16 -0.50 -1.00	13.04 -0.56 -1.25	15.47 -1.02 -1.53	20.23 -1.49 -1.29	20.58 -1.62 -2.18	22.43 -1.96 -2.13	16.48 -0.99 -1.80	12.18 -0.69 -1.97	9.77 -0.29 -2.34
NIAGARA_115E_LBMP 323715	11.70 -0.35 -1.97	11.65 -0.33 -1.72	11.37 -0.36 -1.62	11.16 -0.37 -1.48	11.84 -0.39 -1.49	14.09 -0.57 -1.34	20.58 -1.03 -1.49	24.03 -1.73 -1.06	18.01 -1.34 -1.45	14.82 -1.08 -0.73	14.61 -1.03 -0.46	13.56 -0.83 -0.62	12.23 -0.65 -0.83	12.54 -0.63 -0.85	12.23 -0.50 -0.90	12.23 -0.43 -1.00	13.11 -0.48 -1.25	15.57 -0.93 -1.53	20.35 -1.37 -1.29	20.66 -1.54 -2.19	22.52 -1.87 -2.14	16.57 -0.89 -1.80	12.23 -0.64 -1.97	9.82 -0.25 -2.34

NIAGARA_115W_LBMP 323714	11.62 -0.44 -1.97	11.54 -0.44 -1.72	11.27 -0.47 -1.62	11.07 -0.46 -1.48	11.76 -0.47 -1.49	13.97 -0.69 -1.34	20.40 -1.21 -1.49	23.84 -1.93 -1.07	17.87 -1.49 -1.46	14.70 -1.20 -0.73	14.48 -1.15 -0.46	13.46 -0.92 -0.62	12.13 -0.75 -0.83	12.44 -0.73 -0.85	12.13 -0.59 -0.90	12.12 -0.54 -1.00	13.01 -0.58 -1.25	15.44 -1.05 -1.53	20.16 -1.55 -1.29	20.51 -1.68 -2.18	22.36 -2.02 -2.13	16.43 -1.03 -1.80	12.16 -0.71 -1.96	9.75 -0.31 -2.34
NIAGARA_230_LBMP 323716	11.74 -0.29 -1.94	11.68 -0.28 -1.70	11.40 -0.31 -1.60	11.19 -0.32 -1.47	11.88 -0.33 -1.47	14.14 -0.51 -1.33	20.66 -0.92 -1.47	24.17 -1.58 -1.05	18.10 -1.23 -1.44	14.90 -0.99 -0.72	14.69 -0.94 -0.45	13.63 -0.74 -0.61	12.28 -0.59 -0.82	12.59 -0.57 -0.84	12.28 -0.44 -0.90	12.28 -0.37 -0.99	13.16 -0.42 -1.24	15.64 -0.84 -1.51	20.44 -1.27 -1.28	20.77 -1.40 -2.16	22.67 -1.69 -2.11	16.68 -0.77 -1.78	12.30 -0.56 -1.95	9.85 -0.19 -2.32
NIAGARA__115KV_198_GIBSON 55903	11.62 -0.44 -1.97	11.54 -0.44 -1.72	11.27 -0.47 -1.62	11.07 -0.46 -1.48	11.76 -0.47 -1.49	13.97 -0.69 -1.34	20.39 -1.21 -1.48	23.83 -1.93 -1.06	17.86 -1.49 -1.45	14.70 -1.20 -0.73	14.49 -1.15 -0.46	13.46 -0.92 -0.62	12.13 -0.75 -0.83	12.44 -0.73 -0.85	12.13 -0.59 -0.90	12.13 -0.54 -1.00	13.02 -0.58 -1.26	15.45 -1.05 -1.53	20.17 -1.55 -1.30	20.50 -1.70 -2.19	22.37 -2.02 -2.14	16.43 -1.03 -1.80	12.17 -0.71 -1.97	9.76 -0.30 -2.34
NIAGARA____ 23760	11.66 -0.40 -1.97	11.58 -0.40 -1.72	11.31 -0.42 -1.62	11.12 -0.41 -1.48	11.80 -0.43 -1.48	14.05 -0.61 -1.34	20.53 -1.07 -1.49	24.03 -1.73 -1.06	18.00 -1.34 -1.45	14.82 -1.08 -0.73	14.60 -1.03 -0.45	13.56 -0.83 -0.62	12.21 -0.66 -0.83	12.52 -0.64 -0.85	12.21 -0.51 -0.90	12.21 -0.44 -0.99	13.10 -0.49 -1.25	15.56 -0.93 -1.52	20.34 -1.37 -1.29	20.66 -1.52 -2.18	22.55 -1.82 -2.12	16.56 -0.89 -1.79	12.22 -0.64 -1.96	9.78 -0.28 -2.34
NINE_MILE_1 23575	10.78 -0.30 -0.99	10.82 -0.30 -0.87	10.63 -0.30 -0.81	10.50 -0.30 -0.75	11.18 -0.31 -0.75	13.60 -0.40 -0.68	20.26 -0.60 -0.75	24.47 -0.77 -0.54	18.02 -0.61 -0.73	15.00 -0.53 -0.37	14.90 -0.52 -0.23	13.62 -0.45 -0.31	12.08 -0.39 -0.42	12.34 -0.41 -0.43	11.91 -0.37 -0.46	11.80 -0.36 -0.50	12.61 -0.37 -0.63	15.26 -0.48 -0.77	20.44 -0.63 -0.65	20.47 -0.64 -1.10	22.41 -0.71 -0.87	15.52 -0.45 -0.31	11.56 -0.34 -0.99	8.70 -0.21 -1.18
NINE_MILE_2 23744	10.78 -0.30 -0.99	10.82 -0.30 -0.87	10.63 -0.30 -0.81	10.49 -0.30 -0.75	11.18 -0.31 -0.75	13.60 -0.40 -0.67	20.26 -0.60 -0.75	24.47 -0.77 -0.54	18.02 -0.61 -0.73	15.00 -0.53 -0.37	14.90 -0.52 -0.23	13.62 -0.45 -0.31	12.08 -0.39 -0.42	12.34 -0.41 -0.43	11.91 -0.37 -0.46	11.80 -0.36 -0.50	12.61 -0.37 -0.63	15.26 -0.48 -0.77	20.44 -0.63 -0.65	20.47 -0.64 -1.10	22.44 -0.69 -0.87	15.52 -0.45 -0.31	11.56 -0.34 -0.99	8.70 -0.21 -1.18
NM_CAPITAL____DRP 24208	25.00 0.42 -14.48	23.37 0.45 -12.66	22.48 0.45 -11.92	21.40 0.44 -10.91	22.15 0.47 -10.94	23.78 0.59 -9.87	31.93 0.84 -10.97	33.55 1.01 -7.84	29.34 0.73 -10.71	21.16 0.62 -5.37	19.19 0.64 -3.37	18.92 0.58 -4.58	18.69 0.51 -6.14	19.10 0.52 -6.26	18.98 0.50 -6.67	19.53 0.50 -7.37	22.12 0.54 -9.23	26.85 0.61 -11.27	30.80 0.84 -9.54	37.00 0.86 -16.12	40.95 0.96 -17.74	35.49 0.71 -19.12	25.89 0.47 -14.51	25.29 0.32 -17.25
NM_CENTRAL____DRP 24181	11.21 -0.10 -1.22	11.22 -0.10 -1.07	11.02 -0.10 -1.01	10.86 -0.11 -0.92	11.57 -0.10 -0.92	14.02 -0.13 -0.83	20.88 -0.16 -0.93	25.14 -0.22 -0.66	18.57 -0.23 -0.90	15.41 -0.21 -0.45	15.27 -0.20 -0.28	13.97 -0.18 -0.39	12.43 -0.13 -0.52	12.70 -0.15 -0.53	12.26 -0.12 -0.56	12.18 -0.10 -0.62	13.01 -0.11 -0.78	15.77 -0.15 -0.95	21.04 -0.18 -0.81	21.19 -0.18 -1.36	23.35 -0.20 -1.30	16.59 -0.11 -1.04	12.02 -0.11 -1.23	9.14 -0.04 -1.46
NM_FRONTIER____DRP 24179	11.62 -0.44 -1.97	11.54 -0.44 -1.72	11.27 -0.47 -1.62	11.07 -0.46 -1.48	11.76 -0.47 -1.49	13.97 -0.69 -1.34	20.39 -1.21 -1.48	23.83 -1.93 -1.06	17.86 -1.49 -1.45	14.70 -1.20 -0.73	14.49 -1.15 -0.46	13.46 -0.92 -0.62	12.13 -0.75 -0.83	12.44 -0.73 -0.85	12.13 -0.59 -0.90	12.13 -0.54 -1.00	13.02 -0.58 -1.26	15.45 -1.05 -1.53	20.17 -1.55 -1.30	20.50 -1.70 -2.19	22.37 -2.02 -2.14	16.43 -1.03 -1.80	12.17 -0.71 -1.97	9.76 -0.30 -2.34
NM_ST_REGIS____HYD 24053	9.97 -0.12 0.00	10.14 -0.11 0.00	10.02 -0.09 0.00	9.97 -0.08 0.00	10.65 -0.10 0.00	13.27 -0.05 0.00	20.03 -0.08 0.00	24.72 0.02 0.00	17.84 -0.05 0.00	15.08 -0.09 0.00	15.08 -0.11 0.00	13.63 -0.14 0.00	11.76 -0.29 0.00	11.99 -0.33 0.00	11.34 -0.47 0.00	11.15 -0.51 0.00	11.84 -0.51 0.00	14.49 -0.48 0.00	19.85 -0.57 0.00	19.59 -0.42 0.00	21.90 -0.36 0.00	15.32 -0.34 0.00	10.77 -0.13 0.00	7.62 -0.11 0.00
NORTHPORT____1 23551	25.50 0.80 -14.61	22.94 0.79 -11.89	22.39 0.76 -11.52	22.40 0.75 -11.60	22.99 0.80 -11.45	29.30 0.97 -15.00	30.63 1.43 -9.09	32.52 1.33 -6.49	29.29 1.56 -9.84	23.09 1.34 -6.59	24.02 1.25 -7.59	22.65 1.17 -7.72	22.11 1.05 -9.02	22.32 1.08 -8.91	25.41 1.02 -12.57	26.17 1.00 -13.51	26.63 1.01 -13.27	28.97 1.17 -12.84	30.81 1.53 -8.86	36.12 1.42 -14.69	42.60 1.62 -18.72	31.31 1.02 -14.62	27.76 0.81 -16.05	25.48 0.62 -17.14
NORTHPORT____2 23552	25.50 0.80 -14.61	22.94 0.79 -11.89	22.39 0.76 -11.52	22.40 0.75 -11.60	22.99 0.80 -11.45	29.30 0.97 -15.00	30.63 1.43 -9.09	32.52 1.33 -6.49	29.29 1.56 -9.84	23.09 1.34 -6.59	24.02 1.25 -7.59	22.65 1.17 -7.72	22.11 1.05 -9.02	22.32 1.08 -8.91	25.41 1.02 -12.57	26.17 1.00 -13.51	26.63 1.01 -13.27	28.97 1.17 -12.84	30.81 1.53 -8.86	36.12 1.42 -14.69	42.60 1.62 -18.72	31.31 1.02 -14.62	27.76 0.81 -16.05	25.48 0.62 -17.14
NORTHPORT____3 23553	25.65 0.95 -14.61	23.09 0.94 -11.89	22.54 0.91 -11.52	22.55 0.90 -11.60	23.15 0.96 -11.45	29.48 1.16 -15.00	30.97 1.77 -9.09	33.07 1.88 -6.49	29.54 1.81 -9.84	23.32 1.56 -6.59	24.29 1.52 -7.59	22.89 1.40 -7.72	22.32 1.25 -9.02	22.54 1.31 -8.91	25.64 1.25 -12.57	26.40 1.24 -13.51	26.87 1.26 -13.27	29.31 1.50 -12.84	31.27 1.98 -8.86	36.55 1.84 -14.70	43.03 2.05 -18.73	31.65 1.35 -14.63	27.97 1.01 -16.06	25.60 0.73 -17.14
NORTHPORT____4 23650	25.65 0.95 -14.61	23.09 0.94 -11.89	22.54 0.91 -11.52	22.55 0.90 -11.60	23.15 0.96 -11.45	29.48 1.16 -15.00	30.97 1.77 -9.09	33.07 1.88 -6.49	29.54 1.81 -9.84	23.32 1.56 -6.59	24.29 1.52 -7.59	22.89 1.40 -7.72	22.32 1.25 -9.02	22.54 1.31 -8.91	25.64 1.25 -12.57	26.40 1.24 -13.51	26.87 1.26 -13.27	29.31 1.50 -12.84	31.27 1.98 -8.86	36.55 1.84 -14.70	43.03 2.05 -18.73	31.65 1.35 -14.63	27.97 1.01 -16.06	25.60 0.73 -17.14
NORTHPORT____IC 23718	25.50 0.80 -14.61	22.94 0.79 -11.89	22.39 0.76 -11.52	22.40 0.75 -11.60	22.99 0.80 -11.45	29.30 0.97 -15.00	30.63 1.43 -9.09	32.52 1.33 -6.49	29.29 1.56 -9.84	23.09 1.34 -6.59	24.02 1.25 -7.59	22.65 1.17 -7.72	22.11 1.05 -9.02	22.32 1.08 -8.91	25.41 1.02 -12.57	26.17 1.00 -13.51	26.63 1.01 -13.27	28.97 1.17 -12.84	30.81 1.53 -8.86	36.12 1.42 -14.69	42.60 1.62 -18.72	31.31 1.02 -14.62	27.76 0.81 -16.05	25.48 0.62 -17.14

NORTH____COUNTRY_ESR 323785	10.03 -0.06 0.00	10.23 -0.03 0.00	10.11 0.00 0.00	10.05 0.00 0.00	10.71 -0.03 0.00	13.35 0.03 0.00	20.15 0.04 0.00	24.89 0.20 0.00	18.00 0.11 0.00	15.23 0.06 0.00	15.23 0.05 0.00	13.78 0.01 0.00	12.01 -0.04 0.00	12.31 -0.01 0.00	11.74 -0.08 0.00	11.53 -0.13 0.00	12.23 -0.11 0.00	14.94 -0.03 0.00	20.42 0.00 0.00	20.15 0.14 0.00	22.41 0.16 0.00	15.67 0.00 0.00	10.93 0.02 0.00	7.69 -0.04 0.00
NPX_GEN_1385_PROXY 323591	25.38 0.68 -14.61	22.83 0.69 -11.89	22.30 0.67 -11.52	22.31 0.66 -11.60	22.88 0.69 -11.45	29.14 0.81 -15.00	30.43 1.23 -9.09	32.28 1.09 -6.49	29.11 1.38 -9.84	22.95 1.20 -6.59	23.70 0.93 -7.59	22.39 0.91 -7.72	21.90 0.83 -9.02	22.07 0.84 -8.91	22.51 0.66 -10.03	22.97 0.66 -10.65	26.33 0.72 -13.27	28.83 1.03 -12.84	30.54 1.27 -8.86	35.94 1.24 -14.69	41.31 1.40 -17.66	32.23 0.88 -15.69	27.66 0.71 -16.05	25.41 0.54 -17.14
NPX_GEN_CSC 323557	25.69 0.99 -14.61	23.13 0.98 -11.89	22.59 0.96 -11.52	22.61 0.96 -11.60	23.20 1.00 -11.45	29.55 1.23 -15.00	31.09 1.89 -9.09	33.09 1.90 -6.49	29.61 1.88 -9.84	23.36 1.61 -6.59	24.28 1.50 -7.59	22.89 1.40 -7.72	22.32 1.25 -9.02	22.52 1.29 -8.91	25.62 1.23 -12.57	26.39 1.22 -13.51	26.87 1.26 -13.27	29.34 1.54 -12.84	31.36 2.08 -8.86	36.64 1.94 -14.69	42.12 2.20 -17.66	32.80 1.44 -15.69	28.02 1.07 -16.05	25.62 0.76 -17.14
NSINS_S_GLNS_FALLS 23858	25.67 0.56 -15.02	23.94 0.55 -13.13	23.01 0.54 -12.36	21.91 0.54 -11.32	22.69 0.60 -11.34	24.33 0.77 -10.24	32.82 1.31 -11.39	34.39 1.56 -8.14	30.03 1.00 -11.13	21.50 0.76 -5.58	19.41 0.73 -3.50	19.15 0.63 -4.76	19.00 0.58 -6.38	19.40 0.58 -6.51	19.28 0.53 -6.93	19.85 0.54 -7.65	22.56 0.63 -9.58	27.47 0.79 -11.71	31.43 1.10 -9.90	38.00 1.26 -16.73	44.32 1.49 -20.58	42.97 1.10 -26.20	26.63 0.67 -15.06	26.05 0.42 -17.90
NUCOR_STEEL____DRP 24197	11.74 0.05 -1.60	11.73 0.07 -1.40	11.48 0.05 -1.32	11.31 0.05 -1.21	12.04 0.09 -1.21	14.52 0.11 -1.09	21.49 0.16 -1.21	25.76 0.20 -0.87	19.13 0.05 -1.19	15.75 -0.02 -0.59	15.56 0.00 -0.37	14.28 0.01 -0.51	12.73 0.00 -0.68	13.01 0.00 -0.69	12.59 0.04 -0.74	12.51 0.03 -0.82	13.42 0.05 -1.02	16.26 0.04 -1.25	21.58 0.10 -1.06	21.92 0.12 -1.79	24.18 0.20 -1.73	17.27 0.17 -1.44	12.57 0.05 -1.61	9.73 0.09 -1.91
NUMBER_THREE_WT_PWR 323818	10.75 0.14 -0.52	10.83 0.12 -0.45	10.66 0.12 -0.43	10.58 0.14 -0.39	11.30 0.16 -0.39	13.92 0.24 -0.35	20.95 0.44 -0.39	25.57 0.59 -0.28	18.56 0.29 -0.38	15.51 0.15 -0.19	15.41 0.11 -0.12	13.97 0.04 -0.16	12.24 -0.02 -0.22	12.48 -0.06 -0.22	11.96 -0.09 -0.24	11.84 -0.08 -0.26	12.61 -0.06 -0.33	15.46 0.09 -0.40	21.05 0.29 -0.34	20.99 0.40 -0.58	23.24 0.53 -0.46	16.02 0.19 -0.16	11.58 0.15 -0.52	8.45 0.11 -0.62
NYISO_LBMP_REFERENCE 24008	10.09 0.00 0.00	10.26 0.00 0.00	10.11 0.00 0.00	10.05 0.00 0.00	10.74 0.00 0.00	13.32 0.00 0.00	20.11 0.00 0.00	24.70 0.00 0.00	17.89 0.00 0.00	15.17 0.00 0.00	15.18 0.00 0.00	13.76 0.00 0.00	12.05 0.00 0.00	12.32 0.00 0.00	11.82 0.00 0.00	11.66 0.00 0.00	12.34 0.00 0.00	14.97 0.00 0.00	20.42 0.00 0.00	20.01 0.00 0.00	22.25 0.00 0.00	15.67 0.00 0.00	10.90 0.00 0.00	7.72 0.00 0.00
NYPA_BRENTWD____GT 24164	25.63 0.93 -14.61	23.07 0.92 -11.89	22.53 0.90 -11.52	22.54 0.89 -11.60	23.13 0.93 -11.45	29.47 1.15 -15.00	30.95 1.75 -9.09	32.94 1.75 -6.49	29.52 1.79 -9.84	23.28 1.53 -6.59	24.22 1.44 -7.59	22.83 1.35 -7.72	22.27 1.20 -9.02	22.48 1.24 -8.91	25.57 1.18 -12.57	26.35 1.18 -13.51	26.81 1.20 -13.27	29.24 1.44 -12.84	31.20 1.92 -8.86	36.50 1.80 -14.69	43.02 2.05 -18.72	31.61 1.32 -14.62	27.95 0.99 -16.05	25.58 0.72 -17.14
NYPA_GOWANUS____GT5 24156	22.76 0.68 -11.99	21.38 0.64 -10.49	20.58 0.60 -9.87	19.68 0.59 -9.04	20.41 0.61 -9.06	22.20 0.71 -8.17	30.35 1.15 -9.09	32.60 1.41 -6.49	28.11 1.34 -8.87	20.77 1.15 -4.45	19.16 1.19 -2.79	18.66 1.10 -3.79	18.13 1.00 -5.08	18.55 1.05 -5.19	18.36 1.02 -5.52	18.78 1.01 -6.10	20.96 0.98 -7.64	25.53 1.23 -9.34	29.94 1.61 -7.91	34.73 1.36 -13.36	36.83 1.51 -13.07	27.64 0.92 -11.05	23.63 0.70 -12.03	22.55 0.53 -14.29
NYPA_GOWANUS____GT6 24157	22.76 0.68 -11.99	21.38 0.64 -10.49	20.58 0.60 -9.87	19.68 0.59 -9.04	20.41 0.61 -9.06	22.20 0.71 -8.17	30.35 1.15 -9.09	32.60 1.41 -6.49	28.11 1.34 -8.87	20.77 1.15 -4.45	19.16 1.19 -2.79	18.66 1.10 -3.79	18.13 1.00 -5.08	18.55 1.05 -5.19	18.36 1.02 -5.52	18.78 1.01 -6.10	20.96 0.98 -7.64	25.53 1.23 -9.34	29.94 1.61 -7.91	34.73 1.36 -13.36	36.83 1.51 -13.07	27.64 0.92 -11.05	23.63 0.70 -12.03	22.55 0.53 -14.29
NYPA_HARLEM_RVR_GT1 24160	22.73 0.65 -11.99	21.34 0.59 -10.49	20.54 0.56 -9.87	19.64 0.55 -9.04	20.37 0.57 -9.06	22.13 0.64 -8.17	30.22 1.03 -9.08	32.46 1.28 -6.49	27.99 1.23 -8.87	20.70 1.09 -4.44	19.12 1.15 -2.78	18.61 1.06 -3.79	18.10 0.98 -5.08	18.52 1.02 -5.18	18.33 0.99 -5.52	18.73 0.98 -6.09	20.91 0.93 -7.63	25.43 1.14 -9.33	29.79 1.47 -7.90	34.60 1.24 -13.35	36.69 1.38 -13.06	27.56 0.85 -11.04	23.55 0.63 -12.02	22.52 0.50 -14.29
NYPA_HARLEM_RVR_GT2 24161	22.73 0.65 -11.99	21.34 0.59 -10.49	20.54 0.56 -9.87	19.64 0.55 -9.04	20.37 0.57 -9.06	22.13 0.64 -8.17	30.22 1.03 -9.08	32.46 1.28 -6.49	27.99 1.23 -8.87	20.70 1.09 -4.44	19.12 1.15 -2.78	18.61 1.06 -3.79	18.10 0.98 -5.08	18.52 1.02 -5.18	18.33 0.99 -5.52	18.73 0.98 -6.09	20.91 0.93 -7.63	25.43 1.14 -9.33	29.79 1.47 -7.90	34.60 1.24 -13.35	36.69 1.38 -13.06	27.56 0.85 -11.04	23.55 0.63 -12.02	22.52 0.50 -14.29
NYPA_KENT____GT 24152	22.75 0.67 -11.99	21.37 0.63 -10.49	20.57 0.59 -9.87	19.68 0.59 -9.04	20.41 0.61 -9.06	22.20 0.71 -8.17	30.35 1.15 -9.09	32.62 1.43 -6.49	28.11 1.34 -8.87	20.78 1.17 -4.45	19.17 1.20 -2.79	18.66 1.10 -3.79	18.14 1.01 -5.08	18.55 1.05 -5.19	18.37 1.03 -5.52	18.78 1.01 -6.10	20.98 0.99 -7.64	25.52 1.21 -9.34	29.92 1.59 -7.91	34.71 1.34 -13.36	36.81 1.49 -13.07	27.64 0.92 -11.05	23.63 0.70 -12.03	22.54 0.53 -14.29
NYPA_POUCH1____GT 24155	22.75 0.67 -11.99	21.37 0.63 -10.49	20.57 0.59 -9.87	19.67 0.58 -9.04	20.40 0.60 -9.06	22.16 0.67 -8.17	30.29 1.09 -9.09	32.37 1.19 -6.49	20.63 1.22 -8.87	19.02 1.02 -4.45	18.53 1.05 -2.79	18.02 0.98 -3.79	18.45 0.89 -5.08	18.26 0.95 -5.19	18.68 0.92 -5.52	20.88 0.92 -6.10	25.46 0.89 -7.64	29.88 1.15 -9.34	34.56 1.55 -7.91	36.65 1.20 -13.35	27.58 1.33 -13.06	23.61 0.86 -11.05	22.54 0.68 -12.03	22.54 0.53 -14.29
NYPA_VERNON____GT2 24162	22.74 0.66 -11.99	21.37 0.63 -10.49	20.57 0.59 -9.87	19.67 0.58 -9.04	20.40 0.60 -9.06	22.22 0.72 -8.17	30.37 1.17 -9.09	32.62 1.43 -6.49	28.13 1.36 -8.87	20.80 1.18 -4.45	19.17 1.20 -2.79	18.67 1.11 -3.79	18.14 1.01 -5.08	18.57 1.06 -5.19	18.37 1.03 -5.52	18.78 1.01 -6.10	20.98 0.99 -7.64	25.52 1.21 -9.34	29.90 1.57 -7.91	34.71 1.34 -13.36	36.81 1.49 -13.07	27.64 0.92 -11.05	23.63 0.70 -12.03	22.54 0.52 -14.29

NYPA_VERNON____GT3 24163	22.74 0.66 -11.99	21.37 0.63 -10.49	20.57 0.59 -9.87	19.67 0.58 -9.04	20.40 0.60 -9.06	22.22 0.72 -8.17	30.37 1.17 -9.09	32.62 1.43 -6.49	28.13 1.36 -8.87	20.80 1.18 -4.45	19.17 1.20 -2.79	18.67 1.11 -3.79	18.14 1.01 -5.08	18.57 1.06 -5.19	18.37 1.03 -5.52	18.78 1.01 -6.10	20.98 0.99 -7.64	25.52 1.21 -9.34	29.90 1.57 -7.91	34.71 1.34 -13.36	36.81 1.49 -13.07	27.64 0.92 -11.05	23.63 0.70 -12.03	22.54 0.52 -14.29
NYPA____ASTORIA_CC1 323568	22.72 0.64 -11.99	21.35 0.60 -10.49	20.55 0.57 -9.87	19.65 0.56 -9.04	20.39 0.59 -9.06	22.18 0.68 -8.17	30.31 1.11 -9.09	32.57 1.38 -6.49	28.07 1.31 -8.87	20.77 1.15 -4.45	19.16 1.19 -2.79	18.66 1.10 -3.79	18.13 1.00 -5.08	18.55 1.05 -5.19	18.36 1.02 -5.52	18.77 1.00 -6.10	20.95 0.96 -7.64	25.49 1.18 -9.34	29.86 1.53 -7.91	34.67 1.30 -13.36	36.77 1.45 -13.07	27.61 0.89 -11.05	23.61 0.68 -12.03	22.53 0.51 -14.29
NYPA____ASTORIA_CC2 323569	22.72 0.64 -11.99	21.35 0.60 -10.49	20.55 0.57 -9.87	19.65 0.56 -9.04	20.39 0.59 -9.06	22.18 0.68 -8.17	30.31 1.11 -9.09	32.57 1.38 -6.49	28.07 1.31 -8.87	20.77 1.15 -4.45	19.16 1.19 -2.79	18.66 1.10 -3.79	18.13 1.00 -5.08	18.55 1.05 -5.19	18.36 1.02 -5.52	18.77 1.00 -6.10	20.95 0.96 -7.64	25.49 1.18 -9.34	29.86 1.53 -7.91	34.67 1.30 -13.36	36.77 1.45 -13.07	27.61 0.89 -11.05	23.61 0.68 -12.03	22.53 0.51 -14.29
NYPA____HOLTSVILL 23794	25.62 0.92 -14.61	23.06 0.91 -11.89	22.52 0.89 -11.52	22.53 0.88 -11.60	23.12 0.92 -11.45	29.46 1.13 -15.00	30.93 1.73 -9.09	32.89 1.70 -6.49	29.49 1.75 -9.84	23.26 1.50 -6.59	24.20 1.43 -7.59	22.80 1.32 -7.72	22.26 1.19 -9.02	22.45 1.22 -8.91	25.55 1.16 -12.57	26.32 1.15 -13.51	26.80 1.19 -13.27	29.19 1.39 -12.84	31.16 1.88 -8.86	36.44 1.74 -14.69	42.93 1.96 -18.72	31.56 1.27 -14.62	27.91 0.96 -16.05	25.56 0.70 -17.14
NYPA____HELLGATE_GT1 24158	22.73 0.65 -11.99	21.34 0.59 -10.49	20.54 0.56 -9.87	19.64 0.55 -9.04	20.37 0.57 -9.06	22.13 0.64 -8.17	30.22 1.03 -9.08	32.46 1.28 -6.49	27.99 1.23 -8.87	20.70 1.09 -4.44	19.12 1.15 -2.78	18.61 1.06 -3.79	18.10 0.98 -5.08	18.52 1.02 -5.18	18.33 0.99 -5.52	18.73 0.98 -6.09	20.91 0.93 -7.63	25.43 1.14 -9.33	29.79 1.47 -7.90	34.60 1.24 -13.35	36.69 1.38 -13.06	27.56 0.85 -11.04	23.55 0.63 -12.02	22.52 0.50 -14.29
NYPA____HELLGATE_GT2 24159	22.73 0.65 -11.99	21.34 0.59 -10.49	20.54 0.56 -9.87	19.64 0.55 -9.04	20.37 0.57 -9.06	22.13 0.64 -8.17	30.22 1.03 -9.08	32.46 1.28 -6.49	27.99 1.23 -8.87	20.70 1.09 -4.44	19.12 1.15 -2.78	18.61 1.06 -3.79	18.10 0.98 -5.08	18.52 1.02 -5.18	18.33 0.99 -5.52	18.73 0.98 -6.09	20.91 0.93 -7.63	25.43 1.14 -9.33	29.79 1.47 -7.90	34.60 1.24 -13.35	36.69 1.38 -13.06	27.56 0.85 -11.04	23.55 0.63 -12.02	22.52 0.50 -14.29
NYS_BARGE____HYD 23848	11.81 -0.22 -1.94	11.74 -0.21 -1.69	11.48 -0.23 -1.59	11.26 -0.25 -1.46	11.96 -0.25 -1.46	14.25 -0.40 -1.32	20.84 -0.74 -1.47	24.39 -1.36 -1.05	18.24 -1.09 -1.43	15.02 -0.86 -0.72	14.81 -0.82 -0.45	13.73 -0.65 -0.61	12.37 -0.49 -0.82	12.69 -0.47 -0.83	12.35 -0.35 -0.89	12.35 -0.29 -0.98	13.25 -0.32 -1.23	15.74 -0.73 -1.50	20.61 -1.08 -1.27	20.92 -1.24 -2.15	22.82 -1.54 -2.10	16.74 -0.69 -1.77	12.34 -0.50 -1.93	9.88 -0.15 -2.31
OAK ORCHARD____HYD 24046	11.65 -0.04 -1.60	11.61 -0.04 -1.40	11.37 -0.06 -1.31	11.18 -0.07 -1.20	11.90 -0.05 -1.21	14.31 -0.11 -1.09	21.10 -0.22 -1.21	25.16 -0.40 -0.86	18.65 -0.43 -1.18	15.41 -0.35 -0.59	15.23 -0.32 -0.37	14.03 -0.23 -0.50	12.56 -0.17 -0.68	12.85 -0.16 -0.69	12.45 -0.11 -0.73	12.37 -0.11 -0.81	13.26 -0.10 -1.02	15.89 -0.32 -1.24	21.04 -0.43 -1.05	21.35 -0.44 -1.78	23.42 -0.56 -1.72	16.93 -0.16 -1.42	12.36 -0.14 -1.60	9.63 0.01 -1.90
OAKDALE____35_KV_LOAD 356122	13.93 0.10 -3.73	13.63 0.11 -3.27	13.29 0.10 -3.07	12.95 0.09 -2.81	13.68 0.12 -2.82	15.99 0.12 -2.55	23.14 0.20 -2.83	26.87 0.15 -2.02	20.71 0.05 -2.76	16.58 0.03 -1.39	16.08 0.03 -0.87	14.99 0.04 -1.18	13.69 0.06 -1.58	14.00 0.06 -1.62	13.63 0.09 -1.72	13.68 0.12 -1.90	14.85 0.12 -2.38	17.98 0.10 -2.91	23.05 0.16 -2.46	24.27 0.10 -4.16	26.51 0.09 -4.17	19.54 0.14 -3.73	14.70 0.05 -3.75	12.28 0.10 -4.45
OCC_CHEM____DRP 24175	11.64 -0.42 -1.97	11.57 -0.41 -1.72	11.30 -0.43 -1.62	11.10 -0.43 -1.49	11.78 -0.45 -1.49	14.02 -0.65 -1.34	20.45 -1.15 -1.49	23.88 -1.88 -1.06	17.90 -1.45 -1.45	14.74 -1.15 -0.73	14.53 -1.11 -0.46	13.49 -0.89 -0.62	12.17 -0.71 -0.83	12.48 -0.69 -0.85	12.16 -0.56 -0.90	12.16 -0.50 -1.00	13.05 -0.56 -1.26	15.48 -1.02 -1.54	20.23 -1.49 -1.30	20.57 -1.64 -2.20	22.44 -1.96 -2.14	16.48 -0.99 -1.80	12.20 -0.69 -1.98	9.78 -0.29 -2.34
OH_GEN_PROXY 24063	11.76 -0.27 -1.94	11.70 -0.26 -1.70	11.42 -0.29 -1.60	11.21 -0.30 -1.46	11.90 -0.31 -1.47	14.17 -0.48 -1.32	20.00 -0.86 -0.75	24.27 -1.48 -1.05	18.17 -1.16 -1.44	14.96 -0.93 -0.72	14.75 -0.88 -0.45	13.69 -0.69 -0.61	12.33 -0.54 -0.82	12.63 -0.53 -0.84	12.31 -0.40 -0.89	12.31 -0.34 -0.99	13.20 -0.38 -1.24	15.70 -0.78 -1.51	20.54 -1.16 -1.28	20.87 -1.30 -2.16	21.72 -1.58 -1.05	17.80 -0.70 -2.84	12.34 -0.51 -1.95	9.86 -0.18 -2.32
OLIN_CORP_DRP 24177	11.74 -0.33 -1.98	11.68 -0.31 -1.73	11.40 -0.34 -1.63	11.18 -0.36 -1.49	11.87 -0.37 -1.50	14.13 -0.55 -1.35	20.61 -1.01 -1.50	24.09 -1.68 -1.07	18.05 -1.31 -1.46	14.85 -1.05 -0.73	14.64 -1.00 -0.46	13.59 -0.80 -0.63	12.25 -0.64 -0.84	12.57 -0.60 -0.86	12.24 -0.48 -0.91	12.25 -0.42 -1.01	13.15 -0.46 -1.26	15.61 -0.90 -1.54	20.40 -1.33 -1.31	20.70 -1.52 -2.21	22.58 -1.82 -2.15	16.62 -0.86 -1.81	12.27 -0.62 -1.99	9.85 -0.23 -2.36
OLIN_CORP_DSASP 323712	11.65 -0.41 -1.97	11.57 -0.41 -1.72	11.30 -0.43 -1.62	11.10 -0.43 -1.49	11.78 -0.45 -1.49	14.02 -0.65 -1.34	20.46 -1.15 -1.49	23.89 -1.88 -1.07	17.92 -1.43 -1.46	14.75 -1.15 -0.73	14.53 -1.11 -0.46	13.49 -0.89 -0.62	12.17 -0.71 -0.83	12.48 -0.69 -0.85	12.16 -0.56 -0.90	12.16 -0.50 -1.00	13.04 -0.56 -1.25	15.47 -1.02 -1.53	20.23 -1.49 -1.29	20.58 -1.62 -2.18	22.43 -1.96 -2.13	16.48 -0.99 -1.80	12.18 -0.69 -1.97	9.77 -0.29 -2.34
ONEIDA_HERK_LFGE 323681	10.73 0.18 -0.46	10.82 0.16 -0.40	10.65 0.16 -0.38	10.56 0.17 -0.34	11.29 0.20 -0.34	13.92 0.28 -0.31	20.94 0.48 -0.35	25.58 0.64 -0.25	18.59 0.36 -0.34	15.56 0.23 -0.17	15.50 0.21 -0.11	14.06 0.15 -0.14	12.35 0.11 -0.19	12.60 0.09 -0.20	12.10 0.07 -0.21	11.97 0.08 -0.23	12.75 0.11 -0.29	15.56 0.24 -0.35	21.17 0.45 -0.30	21.02 0.50 -0.51	23.25 0.60 -0.40	16.11 0.30 -0.14	11.56 0.20 -0.46	8.41 0.14 -0.54
ONEIDA____115KV_TB4 55905	11.11 0.22 -0.80	11.17 0.22 -0.70	10.98 0.21 -0.66	10.87 0.22 -0.60	11.59 0.25 -0.60	14.19 0.32 -0.54	21.26 0.54 -0.61	25.82 0.69 -0.43	18.90 0.41 -0.59	15.74 0.27 -0.30	15.64 0.27 -0.19	14.21 0.19 -0.25	12.57 0.18 -0.34	12.83 0.16 -0.35	12.35 0.17 -0.37	12.25 0.19 -0.41	13.08 0.22 -0.51	15.93 0.34 -0.62	21.52 0.57 -0.53	21.50 0.60 -0.89	23.67 0.71 -0.71	16.31 0.39 -0.25	11.95 0.24 -0.80	8.86 0.19 -0.95

ONONDAGA_REF_OCCRA 23987	11.49 -0.06 -1.46	11.47 -0.06 -1.28	11.24 -0.07 -1.20	11.08 -0.07 -1.10	11.79 -0.05 -1.10	14.24 -0.08 -0.99	21.14 -0.08 -1.11	25.36 -0.12 -0.79	18.81 -0.16 -1.08	15.54 -0.17 -0.54	15.37 -0.15 -0.34	14.09 -0.14 -0.46	12.57 -0.10 -0.62	12.84 -0.11 -0.63	12.41 -0.08 -0.67	12.33 -0.07 -0.74	13.20 -0.07 -0.93	16.01 -0.09 -1.14	21.28 -0.10 -0.96	21.54 -0.10 -1.63	23.73 -0.09 -1.57	16.90 -0.05 -1.28	12.30 -0.07 -1.46	9.46 -0.01 -1.74
ONONDAGA___COGEN 23986	11.41 -0.06 -1.38	11.41 -0.05 -1.21	11.19 -0.06 -1.14	11.02 -0.07 -1.04	11.74 -0.05 -1.04	14.20 -0.07 -0.94	21.08 -0.08 -1.05	25.35 -0.10 -0.75	18.76 -0.16 -1.02	15.51 -0.17 -0.51	15.37 -0.14 -0.32	14.08 -0.12 -0.44	12.54 -0.10 -0.59	12.81 -0.11 -0.60	12.37 -0.08 -0.64	12.29 -0.07 -0.70	13.15 -0.07 -0.88	15.94 -0.10 -1.08	21.23 -0.10 -0.91	21.45 -0.10 -1.54	23.65 -0.09 -1.48	16.84 -0.03 -1.20	12.23 -0.07 -1.39	9.37 0.00 -1.65
ONTARIO___LFGE 23819	12.05 0.13 -1.82	12.01 0.15 -1.60	11.76 0.14 -1.50	11.56 0.13 -1.37	12.30 0.18 -1.38	14.78 0.21 -1.24	21.88 0.38 -1.38	26.05 0.37 -0.99	19.35 0.11 -1.35	15.87 0.03 -0.68	15.65 0.05 -0.42	14.38 0.04 -0.58	12.87 0.05 -0.77	13.16 0.05 -0.79	12.75 0.09 -0.84	12.69 0.10 -0.93	13.63 0.12 -1.16	16.49 0.11 -1.42	21.85 0.23 -1.20	22.26 0.22 -2.03	24.50 0.27 -1.98	17.58 0.25 -1.66	12.83 0.10 -1.83	10.05 0.15 -2.17
ORANGEVILLE_WT_PWR 323706	12.36 -0.09 -2.36	12.25 -0.07 -2.07	11.96 -0.10 -1.94	11.71 -0.12 -1.78	12.42 -0.11 -1.78	14.73 -0.20 -1.61	21.52 -0.38 -1.79	25.16 -0.81 -1.28	18.96 -0.68 -1.75	15.50 -0.55 -0.88	15.22 -0.52 -0.55	14.13 -0.39 -0.75	12.76 -0.29 -1.00	13.08 -0.26 -1.02	12.74 -0.17 -1.09	12.75 -0.12 -1.20	13.72 -0.14 -1.51	16.37 -0.43 -1.84	21.35 -0.63 -1.56	21.85 -0.80 -2.64	23.79 -1.05 -2.59	17.37 -0.50 -2.20	12.84 -0.44 -2.37	10.38 -0.16 -2.81
ORANGEVILLE___ESR 323794	12.36 -0.09 -2.36	12.25 -0.07 -2.07	11.96 -0.10 -1.94	11.71 -0.12 -1.78	12.42 -0.11 -1.78	14.73 -0.20 -1.61	21.52 -0.38 -1.79	25.16 -0.81 -1.28	18.96 -0.68 -1.75	15.50 -0.55 -0.88	15.22 -0.52 -0.55	14.13 -0.39 -0.75	12.76 -0.29 -1.00	13.08 -0.26 -1.02	12.74 -0.17 -1.09	12.75 -0.12 -1.20	13.72 -0.14 -1.51	16.37 -0.43 -1.84	21.35 -0.63 -1.56	21.85 -0.80 -2.64	23.79 -1.05 -2.59	17.37 -0.50 -2.20	12.84 -0.44 -2.37	10.38 -0.16 -2.81
OSWEGATCHIE___HYD 24044	10.44 -0.03 -0.38	10.55 -0.04 -0.34	10.40 -0.03 -0.32	10.32 -0.02 -0.29	11.02 -0.01 -0.29	13.63 0.04 -0.26	20.51 0.10 -0.29	25.08 0.17 -0.21	18.20 0.02 -0.28	15.25 -0.06 -0.14	15.18 -0.09 -0.09	13.75 -0.14 -0.12	11.96 -0.25 -0.16	12.19 -0.30 -0.17	11.60 -0.39 -0.18	11.46 -0.40 -0.20	12.19 -0.40 -0.24	14.95 -0.32 -0.30	20.37 -0.31 -0.25	20.28 -0.16 -0.43	22.52 -0.07 -0.34	15.60 -0.19 -0.12	11.25 -0.04 -0.38	8.15 -0.03 -0.46
OSWEGO___5 23606	10.97 -0.24 -1.12	11.00 -0.24 -0.98	10.79 -0.24 -0.92	10.65 -0.24 -0.84	11.34 -0.25 -0.84	13.77 -0.32 -0.76	20.50 -0.46 -0.85	24.68 -0.62 -0.60	18.22 -0.50 -0.83	15.14 -0.44 -0.41	15.02 -0.43 -0.26	13.73 -0.39 -0.35	12.20 -0.32 -0.47	12.47 -0.33 -0.48	12.04 -0.29 -0.51	11.94 -0.29 -0.57	12.76 -0.30 -0.71	15.43 -0.40 -0.87	20.65 -0.51 -0.74	20.76 -0.50 -1.24	22.88 -0.56 -1.18	16.23 -0.36 -0.92	11.75 -0.27 -1.12	8.90 -0.15 -1.33
OSWEGO___6 23613	10.97 -0.24 -1.12	11.00 -0.24 -0.98	10.79 -0.24 -0.92	10.65 -0.24 -0.84	11.34 -0.25 -0.84	13.77 -0.32 -0.76	20.50 -0.46 -0.85	24.68 -0.62 -0.60	18.22 -0.50 -0.83	15.14 -0.44 -0.41	15.02 -0.43 -0.26	13.73 -0.39 -0.35	12.20 -0.32 -0.47	12.47 -0.33 -0.48	12.04 -0.29 -0.51	11.94 -0.29 -0.57	12.76 -0.30 -0.71	15.43 -0.40 -0.87	20.65 -0.51 -0.74	20.76 -0.50 -1.24	22.88 -0.56 -1.18	16.23 -0.36 -0.92	11.75 -0.27 -1.12	8.90 -0.15 -1.33
OUTOKUMPU-AB___DRP 24206	11.94 -0.16 -2.01	11.88 -0.13 -1.76	11.60 -0.17 -1.65	11.37 -0.19 -1.51	12.09 -0.17 -1.52	14.39 -0.31 -1.37	20.97 -0.64 -1.50	24.51 -1.26 -1.07	18.39 -0.97 -1.47	15.13 -0.77 -0.73	14.93 -0.71 -0.46	13.84 -0.55 -0.63	12.48 -0.41 -0.84	12.79 -0.38 -0.86	12.45 -0.28 -0.91	12.48 -0.20 -1.02	13.40 -0.22 -1.28	15.93 -0.60 -1.57	20.85 -0.90 -1.33	21.17 -1.08 -2.24	23.08 -1.36 -2.19	16.93 -0.58 -1.84	12.48 -0.44 -2.02	10.01 -0.11 -2.39
OXBOW___ 24026	11.82 -0.26 -1.99	11.75 -0.25 -1.74	11.47 -0.28 -1.64	11.26 -0.29 -1.50	11.97 -0.28 -1.50	14.24 -0.44 -1.36	20.78 -0.84 -1.51	24.27 -1.51 -1.08	18.21 -1.16 -1.47	14.98 -0.93 -0.74	14.78 -0.86 -0.46	13.70 -0.69 -0.62	12.35 -0.53 -0.84	12.67 -0.51 -0.85	12.34 -0.39 -0.91	12.35 -0.31 -1.00	13.24 -0.36 -1.26	15.74 -0.76 -1.53	20.58 -1.14 -1.30	20.91 -1.30 -2.20	22.80 -1.60 -2.15	16.73 -0.75 -1.82	12.35 -0.53 -1.98	9.91 -0.19 -2.37
OXY_CHEM_DSASP 323612	11.65 -0.41 -1.97	11.57 -0.41 -1.72	11.30 -0.43 -1.62	11.10 -0.43 -1.49	11.78 -0.45 -1.49	14.02 -0.65 -1.34	20.46 -1.15 -1.49	23.89 -1.88 -1.07	17.92 -1.43 -1.46	14.75 -1.15 -0.73	14.53 -1.11 -0.46	13.49 -0.89 -0.62	12.17 -0.71 -0.83	12.48 -0.69 -0.85	12.16 -0.56 -0.90	12.16 -0.50 -1.00	13.04 -0.56 -1.25	15.47 -1.02 -1.53	20.23 -1.49 -1.29	20.58 -1.62 -2.18	22.43 -1.96 -2.13	16.48 -0.99 -1.80	12.18 -0.69 -1.97	9.77 -0.29 -2.34
OZONE_PARK_ESR 323760	22.81 0.73 -11.99	21.43 0.69 -10.49	20.64 0.66 -9.87	19.74 0.65 -9.04	20.48 0.68 -9.06	22.32 0.83 -8.17	30.53 1.33 -9.09	32.82 1.63 -6.49	28.25 1.49 -8.87	20.90 1.29 -4.45	19.26 1.29 -2.79	18.75 1.20 -3.79	18.22 1.08 -5.08	18.63 1.12 -5.19	18.44 1.10 -5.52	18.85 1.08 -6.10	21.06 1.07 -7.64	25.61 1.30 -9.34	30.05 1.72 -7.91	34.91 1.54 -13.36	36.99 1.67 -13.07	27.77 1.05 -11.05	23.72 0.79 -12.03	22.59 0.57 -14.29
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	11.64 -0.42 -1.97	11.57 -0.41 -1.72	11.30 -0.43 -1.62	11.10 -0.43 -1.49	11.78 -0.45 -1.49	14.02 -0.65 -1.34	20.45 -1.15 -1.49	23.88 -1.88 -1.06	17.90 -1.45 -1.45	14.74 -1.15 -0.73	14.53 -1.11 -0.46	13.49 -0.89 -0.62	12.17 -0.71 -0.83	12.48 -0.69 -0.85	12.16 -0.56 -0.90	12.16 -0.50 -1.00	13.05 -0.56 -1.26	15.48 -1.02 -1.54	20.23 -1.49 -1.30	20.57 -1.64 -2.20	22.44 -1.96 -2.14	16.48 -0.99 -1.80	12.20 -0.69 -1.98	9.78 -0.29 -2.34
PACKARD__115KV_DUPONT_184 80571	11.64 -0.42 -1.97	11.57 -0.41 -1.72	11.30 -0.43 -1.62	11.10 -0.43 -1.49	11.78 -0.45 -1.49	14.02 -0.65 -1.34	20.45 -1.15 -1.49	23.88 -1.88 -1.06	17.90 -1.45 -1.45	14.74 -1.15 -0.73	14.53 -1.11 -0.46	13.49 -0.89 -0.62	12.17 -0.71 -0.83	12.48 -0.69 -0.85	12.16 -0.56 -0.90	12.16 -0.50 -1.00	13.05 -0.56 -1.26	15.48 -1.02 -1.54	20.23 -1.49 -1.30	20.57 -1.64 -2.20	22.44 -1.96 -2.14	16.48 -0.99 -1.80	12.20 -0.69 -1.98	9.78 -0.29 -2.34
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	22.71 0.63 -11.99	21.33 0.58 -10.49	20.53 0.55 -9.87	19.63 0.54 -9.04	20.36 0.56 -9.06	22.13 0.63 -8.17	30.22 1.03 -9.09	32.47 1.28 -6.49	28.00 1.23 -8.87	20.71 1.09 -4.45	19.10 1.12 -2.79	18.60 1.05 -3.79	18.08 0.95 -5.08	18.49 0.99 -5.19	18.31 0.97 -5.52	18.72 0.96 -6.10	20.90 0.91 -7.64	25.43 1.12 -9.34	29.78 1.45 -7.91	34.63 1.26 -13.36	36.68 1.36 -13.07	27.55 0.83 -11.05	23.56 0.63 -12.03	22.51 0.49 -14.29

PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	22.78 0.70 -11.99	21.40 0.66 -10.49	20.60 0.62 -9.87	19.70 0.61 -9.04	20.44 0.63 -9.06	22.22 0.72 -8.17	30.37 1.17 -9.09	32.62 1.43 -6.49	28.13 1.36 -8.87	20.78 1.17 -4.45	19.16 1.18 -2.79	18.67 1.11 -3.79	18.13 1.00 -5.08	18.55 1.05 -5.19	18.36 1.02 -5.52	18.75 0.99 -6.10	21.00 1.01 -7.64	25.49 1.18 -9.34	29.90 1.57 -7.91	34.75 1.38 -13.36	36.81 1.49 -13.07	27.63 0.91 -11.05	23.62 0.69 -12.03	22.56 0.54 -14.29
PATROON__115KV_TB1 80586	25.14 0.46 -14.58	23.49 0.48 -12.75	22.59 0.48 -12.00	21.51 0.47 -10.99	22.27 0.52 -11.01	23.90 0.64 -9.94	32.11 0.95 -11.05	33.73 1.14 -7.90	29.49 0.81 -10.79	21.24 0.67 -5.41	19.26 0.68 -3.39	19.00 0.62 -4.61	18.77 0.54 -6.18	19.18 0.55 -6.31	19.07 0.53 -6.72	19.62 0.54 -7.42	22.22 0.58 -9.29	26.97 0.66 -11.35	30.95 0.92 -9.61	37.19 0.94 -16.24	41.48 1.05 -18.18	36.60 0.77 -20.16	26.03 0.51 -14.61	25.44 0.35 -17.37
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	12.07 -0.19 -2.17	11.98 -0.17 -1.90	11.69 -0.21 -1.78	11.45 -0.23 -1.63	12.17 -0.21 -1.64	14.47 -0.33 -1.48	21.22 -0.54 -1.65	24.84 -1.04 -1.18	18.67 -0.84 -1.61	15.28 -0.70 -0.81	15.05 -0.64 -0.51	13.94 -0.51 -0.69	12.59 -0.39 -0.92	12.90 -0.36 -0.94	12.57 -0.25 -1.00	12.57 -0.20 -1.10	13.51 -0.22 -1.38	16.12 -0.54 -1.69	21.08 -0.78 -1.43	21.45 -0.98 -2.42	23.37 -1.25 -2.37	17.09 -0.58 -2.01	12.60 -0.48 -2.18	10.15 -0.16 -2.58
PAWLING_115_KV_BK3_REV_LBMP_H 345028	22.86 0.69 -12.08	21.50 0.68 -10.56	20.71 0.66 -9.94	19.80 0.65 -9.10	20.54 0.68 -9.12	22.34 0.79 -8.23	30.53 1.27 -9.15	32.82 1.58 -6.54	28.12 1.29 -8.94	20.75 1.11 -4.48	19.04 1.05 -2.81	18.56 0.98 -3.82	18.05 0.88 -5.12	18.44 0.90 -5.22	18.24 0.86 -5.56	18.67 0.86 -6.15	20.93 0.89 -7.70	25.42 1.05 -9.40	29.82 1.43 -7.96	34.81 1.34 -13.46	36.87 1.45 -13.18	27.81 0.97 -11.17	23.71 0.70 -12.11	22.63 0.51 -14.39
PEEKSKILL____ 23653	22.60 0.62 -11.89	21.26 0.60 -10.40	20.48 0.58 -9.79	19.58 0.57 -8.96	20.33 0.60 -8.98	22.15 0.72 -8.11	30.25 1.13 -9.01	32.52 1.38 -6.44	27.91 1.22 -8.80	20.62 1.05 -4.41	19.00 1.05 -2.77	18.49 0.96 -3.76	17.97 0.88 -5.04	18.37 0.91 -5.14	18.18 0.89 -5.48	18.59 0.87 -6.05	20.80 0.88 -7.58	25.27 1.05 -9.26	29.63 1.37 -7.84	34.48 1.22 -13.25	36.57 1.36 -12.96	27.54 0.91 -10.96	23.48 0.65 -11.92	22.38 0.48 -14.17
PGE MADISON__WINDPWR 24146	14.40 0.75 -3.56	14.11 0.74 -3.11	13.77 0.73 -2.93	13.49 0.75 -2.68	14.27 0.84 -2.69	16.83 1.08 -2.43	24.60 1.79 -2.70	28.82 2.20 -1.93	21.80 1.27 -2.63	17.34 0.85 -1.32	16.79 0.77 -0.83	15.51 0.62 -1.13	14.08 0.52 -1.51	14.35 0.49 -1.54	13.96 0.51 -1.64	14.00 0.53 -1.81	15.24 0.63 -2.27	18.76 1.02 -2.77	24.44 1.67 -2.35	25.78 1.80 -3.97	28.46 2.07 -4.14	20.86 1.14 -4.05	15.17 0.70 -3.57	12.47 0.51 -4.24
PIERCEFIELD__HYD 23852	9.95 -0.14 0.00	10.11 -0.14 0.00	9.99 -0.12 0.00	9.94 -0.11 0.00	10.62 -0.13 0.00	13.23 -0.09 0.00	19.97 -0.14 0.00	24.62 -0.07 0.00	17.75 -0.14 0.00	15.02 -0.15 0.00	15.00 -0.18 0.00	13.56 -0.21 0.00	11.68 -0.37 0.00	11.90 -0.42 0.00	11.24 -0.58 0.00	11.04 -0.62 0.00	11.73 -0.62 0.00	14.35 -0.61 0.00	19.67 -0.76 0.00	19.41 -0.60 0.00	21.72 -0.53 0.00	15.20 -0.47 0.00	10.72 -0.19 0.00	7.59 -0.13 0.00
PINELAWN_CC_1 323563	25.60 0.90 -14.61	23.03 0.88 -11.89	22.49 0.86 -11.52	22.50 0.85 -11.60	23.10 0.90 -11.45	29.42 1.09 -15.00	30.89 1.69 -9.09	32.92 1.73 -6.49	29.45 1.72 -9.84	23.22 1.47 -6.59	24.19 1.41 -7.59	22.79 1.31 -7.72	22.24 1.17 -9.02	22.44 1.21 -8.91	25.55 1.16 -12.57	26.32 1.15 -13.51	26.79 1.17 -13.27	29.21 1.41 -12.84	31.18 1.90 -8.86	36.46 1.76 -14.69	42.98 2.00 -18.72	31.58 1.28 -14.62	27.91 0.96 -16.05	25.56 0.70 -17.14
PJM_GEN_HTP_PROXY 323702	22.75 0.67 -11.99	21.38 0.64 -10.49	20.59 0.61 -9.87	19.69 0.60 -9.04	20.43 0.62 -9.06	22.26 0.76 -8.17	30.41 1.21 -9.09	32.67 1.48 -6.49	28.13 1.36 -8.87	20.80 1.18 -4.45	19.16 1.19 -2.79	18.66 1.10 -3.79	18.13 1.00 -5.08	18.54 1.03 -5.19	18.36 1.02 -5.52	18.75 0.99 -6.10	20.98 0.99 -7.64	25.49 1.18 -9.34	29.88 1.55 -7.91	34.71 1.34 -13.36	35.75 1.49 -12.01	28.75 0.97 -12.11	23.64 0.71 -12.03	22.54 0.52 -14.29
PJM_GEN_KEystone 24065	17.79 0.25 -7.45	17.01 0.25 -6.51	16.47 0.22 -6.13	15.87 0.21 -5.61	16.60 0.23 -5.63	18.64 0.24 -5.08	26.12 0.36 -5.64	29.03 0.30 -4.03	23.69 0.29 -5.51	18.20 0.27 -2.76	17.20 0.29 -1.73	16.42 0.30 -2.36	15.51 0.30 -3.16	15.86 0.32 -3.22	15.60 0.35 -3.43	15.83 0.38 -3.79	17.46 0.37 -4.75	21.09 0.33 -5.80	25.74 0.41 -4.91	28.55 0.24 -8.30	29.56 0.25 -7.06	23.88 0.27 -7.95	18.55 0.17 -7.47	16.80 0.20 -8.88
PJM_GEN_NEPTUNE_PROXY 323594	24.31 0.80 -13.42	22.29 0.78 -11.25	21.64 0.76 -10.77	21.24 0.75 -10.43	21.89 0.78 -10.36	26.18 0.96 -11.89	30.65 1.45 -9.09	32.70 1.51 -6.49	28.83 1.54 -9.40	22.11 1.34 -5.61	21.89 1.31 -5.40	20.89 1.20 -5.93	20.36 1.08 -7.23	20.66 1.12 -7.22	22.26 1.08 -9.36	22.86 1.06 -10.14	24.13 1.07 -10.71	27.48 1.27 -11.24	30.52 1.67 -8.42	35.61 1.52 -14.08	39.05 1.71 -15.08	30.84 1.11 -14.06	25.96 0.84 -14.22	24.19 0.62 -15.85
PJM_GEN_VFT_PROXY 323633	22.73 0.65 -11.99	21.35 0.60 -10.49	20.54 0.56 -9.87	19.64 0.55 -9.04	20.37 0.57 -9.06	22.19 0.69 -8.17	30.33 1.13 -9.09	32.57 1.38 -6.49	28.09 1.32 -8.87	20.80 1.18 -4.45	19.16 1.19 -2.79	18.66 1.10 -3.79	18.13 1.00 -5.08	18.55 1.05 -5.19	18.36 1.02 -5.52	18.77 1.00 -6.10	20.98 0.99 -7.64	25.49 1.18 -9.34	29.82 1.49 -7.91	34.61 1.24 -13.36	35.66 1.40 -12.01	28.69 0.91 -12.11	23.62 0.69 -12.03	22.51 0.49 -14.29
PLATSBRG_115KV_PMLD1 355749	10.16 0.07 0.00	10.36 0.10 0.00	10.25 0.13 0.00	10.18 0.13 0.00	10.86 0.12 0.00	13.54 0.21 0.00	20.44 0.32 0.00	25.26 0.57 0.00	18.25 0.36 0.00	15.44 0.27 0.00	15.43 0.24 0.00	13.94 0.18 0.00	12.17 0.12 0.00	12.47 0.15 0.00	11.88 0.06 0.00	11.67 0.01 0.00	12.39 0.05 0.00	15.13 0.16 0.00	20.69 0.27 0.00	20.45 0.44 0.00	22.74 0.49 0.00	15.89 0.22 0.00	11.08 0.17 0.00	7.79 0.06 0.00
PLEASANTVLY__LBMP 24000	23.09 0.54 -12.45	21.69 0.54 -10.89	20.89 0.53 -10.25	19.96 0.52 -9.38	20.70 0.55 -9.41	22.47 0.65 -8.49	30.55 1.01 -9.44	32.67 1.23 -6.74	28.17 1.06 -9.21	20.71 0.93 -4.62	19.01 0.93 -2.90	18.56 0.85 -3.94	18.10 0.77 -5.28	18.49 0.79 -5.39	18.33 0.78 -5.74	18.77 0.77 -6.34	21.05 0.77 -7.94	25.56 0.90 -9.70	29.82 1.18 -8.21	34.99 1.10 -13.88	37.02 1.20 -13.57	27.93 0.80 -11.46	23.97 0.58 -12.49	22.99 0.42 -14.84
PLSNTVLE_13_KV_13.8KVDIST 80602	22.78 0.63 -12.06	21.42 0.62 -10.55	20.63 0.59 -9.92	19.72 0.58 -9.09	20.47 0.61 -9.11	22.28 0.73 -8.22	30.42 1.17 -9.14	32.66 1.43 -6.53	28.05 1.23 -8.92	20.72 1.08 -4.47	19.07 1.08 -2.81	18.57 0.99 -3.82	18.06 0.90 -5.11	18.46 0.92 -5.22	18.28 0.91 -5.55	18.70 0.90 -6.14	20.93 0.90 -7.69	25.42 1.06 -9.39	29.78 1.41 -7.95	34.75 1.30 -13.44	36.80 1.40 -13.14	27.71 0.92 -11.11	23.66 0.67 -12.09	22.59 0.49 -14.38

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	22.78 0.63 -12.06	21.42 0.62 -10.55	20.63 0.59 -9.92	19.72 0.58 -9.09	20.47 0.61 -9.11	22.28 0.73 -8.22	30.42 1.17 -9.14	32.66 1.43 -6.53	28.05 1.23 -8.92	20.72 1.08 -4.47	19.07 1.08 -2.81	18.57 0.99 -3.82	18.06 0.90 -5.11	18.46 0.92 -5.22	18.28 0.91 -5.55	18.70 0.90 -6.14	20.93 0.90 -7.69	25.42 1.06 -9.39	29.78 1.41 -7.95	34.75 1.30 -13.44	36.80 1.40 -13.14	27.71 0.92 -11.11	23.66 0.67 -12.09	22.59 0.49 -14.38
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	22.88 0.60 -12.20	21.51 0.58 -10.67	20.72 0.57 -10.04	19.80 0.56 -9.19	20.55 0.59 -9.21	22.32 0.68 -8.31	30.46 1.11 -9.24	32.63 1.33 -6.60	28.05 1.13 -9.02	20.65 0.96 -4.52	18.96 0.94 -2.84	18.49 0.87 -3.86	18.00 0.78 -5.17	18.41 0.81 -5.27	18.23 0.79 -5.62	18.66 0.79 -6.21	20.93 0.81 -7.77	25.40 0.94 -9.50	29.75 1.29 -8.04	34.78 1.18 -13.59	36.89 1.29 -13.35	27.94 0.86 -11.41	23.78 0.64 -12.23	22.70 0.44 -14.54
POLETTI____ 23519	22.74 0.66 -11.99	21.37 0.63 -10.49	20.57 0.59 -9.87	19.68 0.59 -9.04	20.42 0.61 -9.06	22.23 0.73 -8.17	30.35 1.15 -9.09	32.62 1.43 -6.49	28.09 1.32 -8.87	20.78 1.17 -4.45	19.14 1.17 -2.79	18.64 1.09 -3.79	18.12 0.99 -5.08	18.53 1.02 -5.19	18.35 1.00 -5.52	18.75 0.99 -6.10	20.97 0.99 -7.64	25.47 1.17 -9.34	29.84 1.51 -7.91	34.71 1.34 -13.36	36.77 1.45 -13.07	27.64 0.92 -11.05	23.63 0.70 -12.03	22.53 0.51 -14.29
PORT_JEFF_3 23555	25.64 0.94 -14.61	23.08 0.93 -11.89	22.54 0.91 -11.52	22.56 0.91 -11.60	23.15 0.96 -11.45	29.50 1.17 -15.00	30.99 1.79 -9.09	32.97 1.78 -6.49	29.54 1.81 -9.84	23.30 1.55 -6.59	24.23 1.46 -7.59	22.84 1.36 -7.72	22.28 1.22 -9.02	22.49 1.26 -8.91	25.57 1.18 -12.57	26.36 1.19 -13.51	26.84 1.22 -13.27	29.25 1.45 -12.84	31.22 1.94 -8.86	36.52 1.82 -14.69	43.02 2.05 -18.72	31.62 1.33 -14.62	27.95 0.99 -16.05	25.58 0.72 -17.14
PORT_JEFF_4 23616	25.64 0.94 -14.61	23.08 0.93 -11.89	22.54 0.91 -11.52	22.56 0.91 -11.60	23.15 0.96 -11.45	29.50 1.17 -15.00	30.99 1.79 -9.09	32.97 1.78 -6.49	29.54 1.81 -9.84	23.30 1.55 -6.59	24.23 1.46 -7.59	22.84 1.36 -7.72	22.28 1.22 -9.02	22.49 1.26 -8.91	25.57 1.18 -12.57	26.36 1.19 -13.51	26.84 1.22 -13.27	29.25 1.45 -12.84	31.22 1.94 -8.86	36.52 1.82 -14.69	43.02 2.05 -18.72	31.62 1.33 -14.62	27.95 0.99 -16.05	25.58 0.72 -17.14
PORT_JEFF_IC 23713	25.66 0.96 -14.61	23.10 0.95 -11.89	22.56 0.93 -11.52	22.58 0.93 -11.60	23.17 0.98 -11.45	29.52 1.20 -15.00	31.03 1.83 -9.09	33.04 1.85 -6.49	29.58 1.84 -9.84	23.33 1.58 -6.59	24.26 1.49 -7.59	22.87 1.39 -7.72	22.31 1.24 -9.02	22.50 1.27 -8.91	25.60 1.21 -12.57	26.38 1.21 -13.51	26.86 1.25 -13.27	29.28 1.48 -12.84	31.28 2.00 -8.86	36.56 1.86 -14.69	43.09 2.12 -18.72	31.67 1.38 -14.62	27.98 1.02 -16.05	25.60 0.73 -17.14
PPL PILGRIM_ST_GT1 24216	25.63 0.93 -14.61	23.07 0.92 -11.89	22.53 0.90 -11.52	22.54 0.89 -11.60	23.13 0.93 -11.45	29.47 1.15 -15.00	30.95 1.75 -9.09	32.94 1.75 -6.49	29.52 1.79 -9.84	23.28 1.53 -6.59	24.22 1.44 -7.59	22.83 1.35 -7.72	22.27 1.20 -9.02	22.48 1.24 -8.91	25.57 1.18 -12.57	26.35 1.18 -13.51	26.81 1.20 -13.27	29.24 1.44 -12.84	31.20 1.92 -8.86	36.50 1.80 -14.69	43.02 2.05 -18.72	31.61 1.32 -14.62	27.95 0.99 -16.05	25.58 0.72 -17.14
PPL PILGRIM_ST_GT2 24217	25.63 0.93 -14.61	23.07 0.92 -11.89	22.53 0.90 -11.52	22.54 0.89 -11.60	23.13 0.93 -11.45	29.47 1.15 -15.00	30.95 1.75 -9.09	32.94 1.75 -6.49	29.52 1.79 -9.84	23.28 1.53 -6.59	24.22 1.44 -7.59	22.83 1.35 -7.72	22.27 1.20 -9.02	22.48 1.24 -8.91	25.57 1.18 -12.57	26.35 1.18 -13.51	26.81 1.20 -13.27	29.24 1.44 -12.84	31.20 1.92 -8.86	36.50 1.80 -14.69	43.02 2.05 -18.72	31.61 1.32 -14.62	27.95 0.99 -16.05	25.58 0.72 -17.14
PPL_SHRM_GT3 24213	25.69 0.99 -14.61	23.13 0.98 -11.89	22.60 0.97 -11.52	22.61 0.96 -11.60	23.20 1.00 -11.45	29.55 1.23 -15.00	31.09 1.89 -9.09	33.09 1.90 -6.49	29.61 1.88 -9.84	23.36 1.61 -6.59	24.28 1.50 -7.59	22.89 1.40 -7.72	22.32 1.25 -9.02	22.52 1.29 -8.91	25.61 1.22 -12.57	26.39 1.22 -13.51	26.87 1.26 -13.27	29.34 1.54 -12.84	31.36 2.08 -8.86	36.64 1.94 -14.69	43.20 2.22 -18.72	31.73 1.44 -14.62	28.02 1.07 -16.05	25.62 0.76 -17.14
PPL_SHRM_GT4 24214	25.69 0.99 -14.61	23.13 0.98 -11.89	22.60 0.97 -11.52	22.61 0.96 -11.60	23.20 1.00 -11.45	29.55 1.23 -15.00	31.09 1.89 -9.09	33.09 1.90 -6.49	29.61 1.88 -9.84	23.36 1.61 -6.59	24.28 1.50 -7.59	22.89 1.40 -7.72	22.32 1.25 -9.02	22.52 1.29 -8.91	25.61 1.22 -12.57	26.39 1.22 -13.51	26.87 1.26 -13.27	29.34 1.54 -12.84	31.36 2.08 -8.86	36.64 1.94 -14.69	43.20 2.22 -18.72	31.73 1.44 -14.62	28.02 1.07 -16.05	25.62 0.76 -17.14
PROJECT____ORANGE 1 24174	11.24 -0.09 -1.24	11.25 -0.09 -1.08	11.03 -0.10 -1.02	10.88 -0.10 -0.93	11.59 -0.09 -0.93	14.05 -0.12 -0.84	20.89 -0.16 -0.94	25.14 -0.22 -0.67	18.60 -0.21 -0.92	15.41 -0.21 -0.46	15.29 -0.18 -0.29	13.99 -0.17 -0.39	12.44 -0.13 -0.52	12.72 -0.14 -0.54	12.28 -0.11 -0.57	12.20 -0.09 -0.63	13.04 -0.10 -0.79	15.78 -0.15 -0.96	21.05 -0.18 -0.82	21.21 -0.18 -1.38	23.39 -0.18 -1.32	16.63 -0.09 -1.05	12.05 -0.10 -1.24	9.17 -0.03 -1.48
PROJECT____ORANGE 2 24166	11.24 -0.09 -1.24	11.25 -0.09 -1.08	11.03 -0.10 -1.02	10.88 -0.10 -0.93	11.59 -0.09 -0.93	14.05 -0.12 -0.84	20.89 -0.16 -0.94	25.14 -0.22 -0.67	18.60 -0.21 -0.92	15.41 -0.21 -0.46	15.29 -0.18 -0.29	13.99 -0.17 -0.39	12.44 -0.13 -0.52	12.72 -0.14 -0.54	12.28 -0.11 -0.57	12.20 -0.09 -0.63	13.04 -0.10 -0.79	15.78 -0.15 -0.96	21.05 -0.18 -0.82	21.21 -0.18 -1.38	23.39 -0.18 -1.32	16.63 -0.09 -1.05	12.05 -0.10 -1.24	9.17 -0.03 -1.48
PUCKETT____SOLAR 323809	14.18 0.26 -3.83	13.87 0.27 -3.35	13.53 0.26 -3.15	13.19 0.26 -2.88	13.93 0.30 -2.89	16.29 0.36 -2.61	23.61 0.60 -2.90	27.39 0.62 -2.07	21.03 0.30 -2.83	16.75 0.17 -1.42	16.21 0.14 -0.89	15.08 0.11 -1.21	13.78 0.11 -1.62	14.07 0.10 -1.66	13.71 0.13 -1.76	13.76 0.15 -1.95	14.97 0.19 -2.44	18.23 0.28 -2.98	23.48 0.53 -2.52	24.82 0.54 -4.26	27.22 0.62 -4.34	20.12 0.42 -4.03	14.98 0.24 -3.84	12.51 0.22 -4.56
PYRITES____HYD 24023	10.04 -0.05 0.00	10.20 -0.05 0.00	10.09 -0.02 0.00	10.04 -0.01 0.00	10.73 -0.01 0.00	13.39 0.07 0.00	20.21 0.10 0.00	24.94 0.25 0.00	17.97 0.07 0.00	15.15 -0.02 0.00	15.15 -0.03 0.00	13.68 -0.08 0.00	11.81 -0.24 0.00	12.04 -0.28 0.00	11.40 -0.41 0.00	11.19 -0.47 0.00	11.89 -0.46 0.00	14.59 -0.37 0.00	20.03 -0.39 0.00	19.81 -0.20 0.00	22.14 -0.11 0.00	15.42 -0.25 0.00	10.84 -0.07 0.00	7.66 -0.06 0.00
QUAKERRD_115KV_BK1 80622	11.36 -0.28 -1.55	11.32 -0.29 -1.35	11.10 -0.29 -1.27	10.92 -0.30 -1.17	11.61 -0.30 -1.17	13.98 -0.40 -1.06	20.64 -0.64 -1.17	24.62 -0.91 -0.84	18.27 -0.77 -1.14	15.10 -0.64 -0.57	14.92 -0.62 -0.36	13.73 -0.52 -0.49	12.28 -0.42 -0.66	12.57 -0.42 -0.67	12.16 -0.37 -0.71	12.10 -0.35 -0.79	12.97 -0.36 -0.99	15.59 -0.58 -1.21	20.65 -0.80 -1.02	20.92 -0.82 -1.72	22.98 -0.93 -1.67	16.55 -0.49 -1.37	12.09 -0.37 -1.55	9.39 -0.18 -1.85

QUENSBRY_115KV_TB8 356137	25.67 0.54 -15.03	23.95 0.55 -13.14	23.01 0.53 -12.37	21.91 0.53 -11.33	22.70 0.60 -11.35	24.34 0.77 -10.24	32.82 1.31 -11.40	34.43 1.58 -8.15	30.05 1.02 -11.14	21.52 0.77 -5.58	19.43 0.74 -3.50	19.16 0.63 -4.76	19.01 0.58 -6.38	19.41 0.58 -6.51	19.28 0.53 -6.93	19.86 0.54 -7.66	22.57 0.63 -9.59	27.48 0.79 -11.72	31.45 1.12 -9.91	38.03 1.28 -16.74	44.36 1.49 -20.62	43.05 1.10 -26.29	26.64 0.67 -15.07	26.06 0.42 -17.91
RAMAPO____LBMP 323565	22.29 0.60 -11.60	20.99 0.58 -10.15	20.23 0.57 -9.55	19.35 0.56 -8.74	20.09 0.58 -8.76	21.94 0.71 -7.91	30.01 1.11 -8.79	32.34 1.36 -6.28	27.66 1.18 -8.58	20.50 1.03 -4.30	18.90 1.02 -2.70	18.38 0.95 -3.67	17.82 0.86 -4.92	18.22 0.89 -5.02	18.02 0.86 -5.34	18.43 0.86 -5.90	20.60 0.86 -7.39	25.02 1.02 -9.03	29.42 1.35 -7.65	34.16 1.22 -12.92	36.23 1.34 -12.65	27.24 0.88 -10.70	23.18 0.64 -11.63	22.01 0.46 -13.83
RANKINE____ 23646	12.13 -0.09 -2.13	12.05 -0.07 -1.86	11.76 -0.11 -1.75	11.52 -0.13 -1.60	12.23 -0.12 -1.61	14.56 -0.21 -1.45	21.31 -0.42 -1.62	24.94 -0.91 -1.16	18.73 -0.75 -1.58	15.37 -0.59 -0.79	15.13 -0.55 -0.50	14.04 -0.40 -0.68	12.65 -0.30 -0.91	12.97 -0.27 -0.93	12.64 -0.17 -0.99	12.64 -0.10 -1.08	13.58 -0.12 -1.36	16.16 -0.46 -1.66	21.13 -0.69 -1.40	21.50 -0.88 -2.37	23.44 -1.13 -2.32	17.16 -0.47 -1.96	12.65 -0.39 -2.14	10.17 -0.09 -2.54
RAVENSWOOD_GT2_1 24244	22.74 0.66 -11.99	21.37 0.63 -10.49	20.58 0.60 -9.87	19.68 0.59 -9.04	20.41 0.61 -9.06	22.23 0.73 -8.17	30.37 1.17 -9.09	32.65 1.46 -6.49	28.11 1.34 -8.87	20.78 1.17 -4.45	19.16 1.19 -2.79	18.64 1.09 -3.79	18.12 0.99 -5.08	18.54 1.03 -5.19	18.34 1.00 -5.52	18.75 0.99 -6.10	20.96 0.98 -7.64	25.49 1.18 -9.34	29.86 1.53 -7.91	34.69 1.32 -13.36	36.79 1.47 -13.07	27.66 0.94 -11.05	23.63 0.70 -12.03	22.53 0.51 -14.29
RAVENSWOOD_GT2_2 24245	22.74 0.66 -11.99	21.37 0.63 -10.49	20.58 0.60 -9.87	19.68 0.59 -9.04	20.41 0.61 -9.06	22.23 0.73 -8.17	30.37 1.17 -9.09	32.65 1.46 -6.49	28.11 1.34 -8.87	20.78 1.17 -4.45	19.16 1.19 -2.79	18.64 1.09 -3.79	18.12 0.99 -5.08	18.54 1.03 -5.19	18.34 1.00 -5.52	18.75 0.99 -6.10	20.96 0.98 -7.64	25.49 1.18 -9.34	29.86 1.53 -7.91	34.69 1.32 -13.36	36.79 1.47 -13.07	27.66 0.94 -11.05	23.63 0.70 -12.03	22.53 0.51 -14.29
RAVENSWOOD_GT2_3 24246	22.74 0.66 -11.99	21.37 0.63 -10.49	20.58 0.60 -9.87	19.68 0.59 -9.04	20.41 0.61 -9.06	22.24 0.75 -8.17	30.39 1.19 -9.09	32.67 1.48 -6.49	28.11 1.34 -8.87	20.80 1.18 -4.45	19.16 1.19 -2.79	18.66 1.10 -3.79	18.13 1.00 -5.08	18.54 1.03 -5.19	18.34 1.00 -5.52	18.75 0.99 -6.10	20.98 0.99 -7.64	25.49 1.18 -9.34	29.88 1.55 -7.91	34.69 1.32 -13.36	36.81 1.49 -13.07	27.67 0.96 -11.05	23.64 0.71 -12.03	22.54 0.52 -14.29
RAVENSWOOD_GT2_4 24247	22.74 0.66 -11.99	21.37 0.63 -10.49	20.58 0.60 -9.87	19.68 0.59 -9.04	20.41 0.61 -9.06	22.24 0.75 -8.17	30.39 1.19 -9.09	32.67 1.48 -6.49	28.11 1.34 -8.87	20.80 1.18 -4.45	19.16 1.19 -2.79	18.66 1.10 -3.79	18.13 1.00 -5.08	18.54 1.03 -5.19	18.34 1.00 -5.52	18.75 0.99 -6.10	20.98 0.99 -7.64	25.49 1.18 -9.34	29.88 1.55 -7.91	34.69 1.32 -13.36	36.81 1.49 -13.07	27.67 0.96 -11.05	23.64 0.71 -12.03	22.54 0.52 -14.29
RAVENSWOOD_GT3_1 24248	22.74 0.66 -11.99	21.37 0.63 -10.49	20.58 0.60 -9.87	19.68 0.59 -9.04	20.41 0.61 -9.06	22.23 0.73 -8.17	30.39 1.19 -9.09	32.65 1.46 -6.49	28.11 1.34 -8.87	20.78 1.17 -4.45	19.16 1.19 -2.79	18.64 1.09 -3.79	18.12 0.99 -5.08	18.54 1.03 -5.19	18.34 1.00 -5.52	18.75 0.99 -6.10	20.98 0.99 -7.64	25.49 1.18 -9.34	29.86 1.53 -7.91	34.69 1.32 -13.36	36.79 1.47 -13.07	27.66 0.94 -11.05	23.63 0.70 -12.03	22.53 0.51 -14.29
RAVENSWOOD_GT3_2 24249	22.74 0.66 -11.99	21.37 0.63 -10.49	20.58 0.60 -9.87	19.68 0.59 -9.04	20.41 0.61 -9.06	22.23 0.73 -8.17	30.39 1.19 -9.09	32.65 1.46 -6.49	28.11 1.34 -8.87	20.78 1.17 -4.45	19.16 1.19 -2.79	18.64 1.09 -3.79	18.12 0.99 -5.08	18.54 1.03 -5.19	18.34 1.00 -5.52	18.75 0.99 -6.10	20.98 0.99 -7.64	25.49 1.18 -9.34	29.86 1.53 -7.91	34.69 1.32 -13.36	36.79 1.47 -13.07	27.66 0.94 -11.05	23.63 0.70 -12.03	22.53 0.51 -14.29
RAVENSWOOD_GT3_3 24250	22.75 0.67 -11.99	21.38 0.64 -10.49	20.59 0.61 -9.87	19.69 0.60 -9.04	20.43 0.62 -9.06	22.24 0.75 -8.17	30.41 1.21 -9.09	32.67 1.48 -6.49	28.13 1.36 -8.87	20.80 1.18 -4.45	19.17 1.20 -2.79	18.67 1.11 -3.79	18.14 1.01 -5.08	18.55 1.05 -5.19	18.36 1.02 -5.52	18.77 1.00 -6.10	20.99 1.00 -7.64	25.50 1.20 -9.34	29.90 1.57 -7.91	34.71 1.34 -13.36	36.83 1.51 -13.07	27.67 0.96 -11.05	23.64 0.71 -12.03	22.54 0.53 -14.29
RAVENSWOOD_GT3_4 24251	22.75 0.67 -11.99	21.38 0.64 -10.49	20.59 0.61 -9.87	19.69 0.60 -9.04	20.43 0.62 -9.06	22.24 0.75 -8.17	30.41 1.21 -9.09	32.67 1.48 -6.49	28.13 1.36 -8.87	20.80 1.18 -4.45	19.17 1.20 -2.79	18.67 1.11 -3.79	18.14 1.01 -5.08	18.55 1.05 -5.19	18.36 1.02 -5.52	18.77 1.00 -6.10	20.99 1.00 -7.64	25.50 1.20 -9.34	29.90 1.57 -7.91	34.71 1.34 -13.36	36.83 1.51 -13.07	27.67 0.96 -11.05	23.64 0.71 -12.03	22.54 0.53 -14.29
RAVENSWOOD_GT_1 23729	22.74 0.66 -11.99	21.37 0.63 -10.49	20.57 0.59 -9.87	19.67 0.58 -9.04	20.40 0.60 -9.06	22.22 0.72 -8.17	30.37 1.17 -9.09	32.62 1.43 -6.49	28.13 1.36 -8.87	20.80 1.18 -4.45	19.17 1.20 -2.79	18.67 1.11 -3.79	18.14 1.01 -5.08	18.57 1.06 -5.19	18.37 1.03 -5.52	18.78 1.01 -6.10	20.98 0.99 -7.64	25.52 1.21 -9.34	29.90 1.57 -7.91	34.71 1.34 -13.36	36.81 1.49 -13.07	27.64 0.92 -11.05	23.63 0.70 -12.03	22.54 0.52 -14.29
RAVENSWOOD_GT_10 24258	22.74 0.66 -11.99	21.37 0.63 -10.49	20.58 0.60 -9.87	19.68 0.59 -9.04	20.41 0.61 -9.06	22.24 0.75 -8.17	30.39 1.19 -9.09	32.65 1.46 -6.49	28.11 1.34 -8.87	20.78 1.17 -4.45	19.16 1.19 -2.79	18.64 1.09 -3.79	18.12 0.99 -5.08	18.54 1.03 -5.19	18.34 1.00 -5.52	18.75 0.99 -6.10	20.98 0.99 -7.64	25.49 1.18 -9.34	29.86 1.53 -7.91	34.69 1.32 -13.36	36.79 1.47 -13.07	27.67 0.96 -11.05	23.63 0.70 -12.03	22.54 0.52 -14.29
RAVENSWOOD_GT_11 24259	22.74 0.66 -11.99	21.37 0.63 -10.49	20.58 0.60 -9.87	19.68 0.59 -9.04	20.41 0.61 -9.06	22.24 0.75 -8.17	30.39 1.19 -9.09	32.65 1.46 -6.49	28.11 1.34 -8.87	20.78 1.17 -4.45	19.16 1.19 -2.79	18.64 1.09 -3.79	18.12 0.99 -5.08	18.54 1.03 -5.19	18.34 1.00 -5.52	18.75 0.99 -6.10	20.98 0.99 -7.64	25.49 1.18 -9.34	29.86 1.53 -7.91	34.69 1.32 -13.36	36.79 1.47 -13.07	27.67 0.96 -11.05	23.63 0.70 -12.03	22.54 0.52 -14.29
RAVENSWOOD_GT_4 24252	22.74 0.66 -11.99	21.38 0.64 -10.49	20.58 0.60 -9.87	19.68 0.59 -9.04	20.43 0.62 -9.06	22.24 0.75 -8.17	30.39 1.19 -9.09	32.67 1.48 -6.49	28.11 1.34 -8.87	20.78 1.17 -4.45	19.16 1.19 -2.79	18.64 1.09 -3.79	18.12 0.99 -5.08	18.54 1.03 -5.19	18.34 1.00 -5.52	18.75 0.99 -6.10	20.98 0.99 -7.64	25.49 1.18 -9.34	29.86 1.53 -7.91	34.69 1.32 -13.36	36.81 1.49 -13.07	27.67 0.96 -11.05	23.64 0.71 -12.03	22.54 0.52 -14.29

RAVENSWOOD_GT_5 24254	22.74 0.66 -11.99	21.38 0.64 -10.49	20.58 0.60 -9.87	19.68 0.59 -9.04	20.43 0.62 -9.06	22.24 0.75 -8.17	30.39 1.19 -9.09	32.67 1.48 -6.49	28.11 1.34 -8.87	20.78 1.17 -4.45	19.16 1.19 -2.79	18.64 1.09 -3.79	18.12 0.99 -5.08	18.54 1.03 -5.19	18.34 1.00 -5.52	18.75 0.99 -6.10	20.98 0.99 -7.64	25.49 1.18 -9.34	29.86 1.53 -7.91	34.69 1.32 -13.36	36.81 1.49 -13.07	27.67 0.96 -11.05	23.64 0.71 -12.03	22.54 0.52 -14.29
RAVENSWOOD_GT_6 24253	22.74 0.66 -11.99	21.38 0.64 -10.49	20.58 0.60 -9.87	19.68 0.59 -9.04	20.43 0.62 -9.06	22.24 0.75 -8.17	30.39 1.19 -9.09	32.67 1.48 -6.49	28.11 1.34 -8.87	20.78 1.17 -4.45	19.16 1.19 -2.79	18.64 1.09 -3.79	18.12 0.99 -5.08	18.54 1.03 -5.19	18.34 1.00 -5.52	18.75 0.99 -6.10	20.98 0.99 -7.64	25.49 1.18 -9.34	29.86 1.53 -7.91	34.69 1.32 -13.36	36.81 1.49 -13.07	27.67 0.96 -11.05	23.64 0.71 -12.03	22.54 0.52 -14.29
RAVENSWOOD_GT_7 24255	22.74 0.66 -11.99	21.38 0.64 -10.49	20.58 0.60 -9.87	19.68 0.59 -9.04	20.43 0.62 -9.06	22.24 0.75 -8.17	30.39 1.19 -9.09	32.67 1.48 -6.49	28.11 1.34 -8.87	20.78 1.17 -4.45	19.16 1.19 -2.79	18.64 1.09 -3.79	18.12 0.99 -5.08	18.54 1.03 -5.19	18.34 1.00 -5.52	18.75 0.99 -6.10	20.98 0.99 -7.64	25.49 1.18 -9.34	29.86 1.53 -7.91	34.69 1.32 -13.36	36.81 1.49 -13.07	27.67 0.96 -11.05	23.64 0.71 -12.03	22.54 0.52 -14.29
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	22.74 0.66 -11.99	21.37 0.63 -10.49	20.58 0.60 -9.87	19.68 0.59 -9.04	20.41 0.61 -9.06	22.24 0.75 -8.17	30.39 1.19 -9.09	32.65 1.46 -6.49	28.11 1.34 -8.87	20.78 1.17 -4.45	19.16 1.19 -2.79	18.64 1.09 -3.79	18.12 0.99 -5.08	18.54 1.03 -5.19	18.34 1.00 -5.52	18.75 0.99 -6.10	20.98 0.99 -7.64	25.49 1.18 -9.34	29.86 1.53 -7.91	34.69 1.32 -13.36	36.79 1.47 -13.07	27.67 0.96 -11.05	23.63 0.70 -12.03	22.54 0.52 -14.29
RAVENSWOOD_GT_9 24257	22.74 0.66 -11.99	21.37 0.63 -10.49	20.58 0.60 -9.87	19.68 0.59 -9.04	20.41 0.61 -9.06	22.24 0.75 -8.17	30.39 1.19 -9.09	32.65 1.46 -6.49	28.11 1.34 -8.87	20.78 1.17 -4.45	19.16 1.19 -2.79	18.64 1.09 -3.79	18.12 0.99 -5.08	18.54 1.03 -5.19	18.34 1.00 -5.52	18.75 0.99 -6.10	20.98 0.99 -7.64	25.49 1.18 -9.34	29.86 1.53 -7.91	34.69 1.32 -13.36	36.79 1.47 -13.07	27.67 0.96 -11.05	23.63 0.70 -12.03	22.54 0.52 -14.29
RAVENSWOOD___1 23533	22.74 0.66 -11.99	21.36 0.62 -10.49	20.57 0.59 -9.87	19.67 0.58 -9.04	20.40 0.60 -9.06	22.20 0.71 -8.17	30.35 1.15 -9.09	32.62 1.43 -6.49	28.11 1.34 -8.87	20.78 1.17 -4.45	19.17 1.20 -2.79	18.67 1.11 -3.79	18.14 1.01 -5.08	18.55 1.05 -5.19	18.37 1.03 -5.52	18.78 1.01 -6.10	20.98 0.99 -7.64	25.50 1.20 -9.34	29.88 1.55 -7.91	34.69 1.32 -13.36	36.79 1.47 -13.07	27.64 0.92 -11.05	23.62 0.69 -12.03	22.54 0.52 -14.29
RAVENSWOOD___2 23534	22.73 0.65 -11.99	21.36 0.62 -10.49	20.56 0.58 -9.87	19.66 0.57 -9.04	20.40 0.60 -9.06	22.20 0.71 -8.17	30.35 1.15 -9.09	32.62 1.43 -6.49	28.11 1.34 -8.87	20.78 1.17 -4.45	19.17 1.20 -2.79	18.66 1.10 -3.79	18.13 1.00 -5.08	18.55 1.05 -5.19	18.36 1.02 -5.52	18.78 1.01 -6.10	20.96 0.98 -7.64	25.50 1.20 -9.34	29.88 1.55 -7.91	34.69 1.32 -13.36	36.79 1.47 -13.07	27.63 0.91 -11.05	23.62 0.69 -12.03	22.53 0.51 -14.29
RAVENSWOOD___3 23535	22.74 0.66 -11.99	21.37 0.63 -10.49	20.58 0.60 -9.87	19.68 0.59 -9.04	20.41 0.61 -9.06	22.24 0.75 -8.17	30.39 1.19 -9.09	32.65 1.46 -6.49	28.11 1.34 -8.87	20.78 1.17 -4.45	19.16 1.19 -2.79	18.66 1.10 -3.79	18.12 0.99 -5.08	18.54 1.03 -5.19	18.34 1.00 -5.52	18.75 0.99 -6.10	20.98 0.99 -7.64	25.49 1.18 -9.34	29.86 1.53 -7.91	34.69 1.32 -13.36	36.79 1.47 -13.07	27.66 0.94 -11.05	23.63 0.70 -12.03	22.54 0.52 -14.29
RAVENSWOOD___4 23820	22.73 0.65 -11.99	21.36 0.62 -10.49	20.56 0.58 -9.87	19.66 0.57 -9.04	20.39 0.59 -9.06	22.20 0.71 -8.17	30.33 1.13 -9.09	32.60 1.41 -6.49	28.09 1.32 -8.87	20.78 1.17 -4.45	19.16 1.19 -2.79	18.66 1.10 -3.79	18.13 1.00 -5.08	18.55 1.05 -5.19	18.36 1.02 -5.52	18.77 1.00 -6.10	20.96 0.98 -7.64	25.50 1.20 -9.34	29.88 1.55 -7.91	34.69 1.32 -13.36	36.79 1.47 -13.07	27.63 0.91 -11.05	23.62 0.69 -12.03	22.53 0.51 -14.29
RCPL_TRUST___DRP 24196	22.76 0.68 -11.99	21.39 0.65 -10.49	20.60 0.62 -9.87	19.70 0.61 -9.04	20.44 0.63 -9.06	22.27 0.77 -8.17	30.43 1.23 -9.09	32.72 1.53 -6.49	28.16 1.40 -8.87	20.83 1.21 -4.45	19.19 1.21 -2.79	18.69 1.13 -3.79	18.16 1.02 -5.08	18.57 1.06 -5.19	18.38 1.04 -5.52	18.79 1.03 -6.10	21.00 1.01 -7.64	25.53 1.23 -9.34	29.92 1.59 -7.91	34.79 1.42 -13.36	36.86 1.54 -13.07	27.71 0.99 -11.05	23.66 0.73 -12.03	22.55 0.53 -14.29
RED___ROCHESTER 323720	11.69 0.01 -1.59	11.66 0.01 -1.39	11.41 -0.01 -1.31	11.23 -0.02 -1.20	11.95 0.00 -1.20	14.37 -0.04 -1.08	21.20 -0.12 -1.20	25.31 -0.25 -0.86	18.75 -0.32 -1.18	15.50 -0.26 -0.59	15.33 -0.23 -0.37	14.11 -0.15 -0.50	12.63 -0.10 -0.67	12.92 -0.09 -0.69	12.51 -0.04 -0.73	12.42 -0.05 -0.81	13.33 -0.02 -1.01	15.98 -0.22 -1.24	21.18 -0.29 -1.05	21.46 -0.32 -1.77	23.57 -0.40 -1.71	17.03 -0.05 -1.41	12.42 -0.08 -1.59	9.67 0.05 -1.90
REGAN___SOLAR 323812	27.90 0.86 -16.95	25.93 0.85 -14.82	24.87 0.81 -13.95	23.65 0.83 -12.77	24.49 0.95 -12.80	26.10 1.23 -11.55	35.06 2.11 -12.84	36.44 2.57 -9.18	31.97 1.54 -12.54	22.56 1.11 -6.28	20.06 0.93 -3.95	19.92 0.78 -5.37	19.99 0.75 -7.19	20.37 0.71 -7.34	20.33 0.70 -7.82	21.03 0.74 -8.64	24.09 0.93 -10.82	29.44 1.26 -13.21	33.43 1.82 -11.19	40.96 2.04 -18.91	46.52 2.34 -21.93	43.08 1.69 -25.72	28.93 1.00 -17.02	28.58 0.66 -20.20
RENSSELAER___COGEN 23796	24.95 0.41 -14.45	23.33 0.44 -12.63	22.44 0.43 -11.89	21.37 0.43 -10.88	22.12 0.46 -10.91	23.74 0.57 -9.85	31.90 0.84 -10.94	33.51 0.99 -7.82	29.32 0.73 -10.69	21.13 0.61 -5.36	19.17 0.62 -3.36	18.90 0.56 -4.57	18.66 0.49 -6.12	19.07 0.51 -6.25	18.95 0.48 -6.65	19.50 0.49 -7.35	22.08 0.53 -9.20	26.81 0.60 -11.24	30.78 0.84 -9.52	36.94 0.84 -16.09	40.68 0.93 -17.50	34.80 0.67 -18.46	25.84 0.46 -14.48	25.25 0.31 -17.22
REPUBLIC_115KV_BARTNBRK 55605	26.14 1.03 -15.02	24.40 1.01 -13.13	23.42 0.95 -12.36	22.34 0.97 -11.32	23.18 1.10 -11.34	24.95 1.39 -10.24	33.88 2.37 -11.39	35.51 2.67 -8.14	30.78 1.75 -11.13	22.05 1.30 -5.58	19.94 1.26 -3.50	19.59 1.07 -4.76	19.42 1.00 -6.38	19.81 0.99 -6.50	19.63 0.89 -6.93	20.21 0.90 -7.65	23.00 1.07 -9.58	28.04 1.36 -11.71	32.35 2.02 -9.90	39.08 2.34 -16.73	45.59 2.76 -20.58	43.86 1.99 -26.20	27.17 1.21 -15.06	26.41 0.79 -17.90
REVERE_CPPR_DRP 24186	11.09 0.30 -0.69	11.15 0.29 -0.60	10.97 0.28 -0.57	10.86 0.29 -0.52	11.60 0.33 -0.52	14.24 0.44 -0.47	21.36 0.72 -0.52	26.01 0.94 -0.37	19.00 0.59 -0.51	15.82 0.39 -0.26	15.72 0.38 -0.16	14.26 0.28 -0.22	12.58 0.24 -0.29	12.84 0.22 -0.30	12.35 0.21 -0.32	12.25 0.23 -0.35	13.06 0.27 -0.44	15.97 0.46 -0.54	21.65 0.78 -0.46	21.60 0.82 -0.77	23.82 0.96 -0.61	16.40 0.52 -0.22	11.93 0.33 -0.69	8.79 0.24 -0.82

REYNOLDS_115KV_TB3 80639	24.96 0.40 -14.47	23.34 0.43 -12.65	22.44 0.42 -11.90	21.37 0.42 -10.90	22.12 0.45 -10.93	23.75 0.56 -9.86	31.88 0.80 -10.96	33.49 0.96 -7.83	29.30 0.70 -10.70	21.12 0.59 -5.37	19.16 0.61 -3.37	18.89 0.55 -4.58	18.66 0.48 -6.13	19.07 0.49 -6.26	18.95 0.47 -6.66	19.50 0.48 -7.36	22.08 0.52 -9.22	26.81 0.58 -11.26	30.75 0.80 -9.54	36.94 0.82 -16.11	40.94 0.91 -17.78	35.58 0.67 -19.24	25.86 0.46 -14.50	25.27 0.31 -17.24
RIVERBAY____ 323610	22.78 0.70 -11.99	21.40 0.66 -10.49	20.60 0.62 -9.87	19.70 0.61 -9.04	20.44 0.63 -9.06	22.22 0.72 -8.17	30.37 1.17 -9.09	32.62 1.43 -6.49	28.13 1.36 -8.87	20.78 1.17 -4.45	19.16 1.18 -2.79	18.67 1.11 -3.79	18.13 1.00 -5.08	18.55 1.05 -5.19	18.36 1.02 -5.52	18.75 0.99 -6.10	21.00 1.01 -7.64	25.49 1.18 -9.34	29.90 1.57 -7.91	34.75 1.38 -13.36	36.81 1.49 -13.07	27.63 0.91 -11.05	23.62 0.69 -12.03	22.56 0.54 -14.29
RIVERSDE_115KV_TB3 55908	25.00 0.42 -14.48	23.37 0.45 -12.66	22.48 0.45 -11.92	21.40 0.44 -10.91	22.15 0.47 -10.94	23.78 0.59 -9.87	31.93 0.84 -10.97	33.55 1.01 -7.84	29.34 0.73 -10.71	21.16 0.62 -5.37	19.19 0.64 -3.37	18.92 0.58 -4.58	18.69 0.51 -6.14	19.10 0.52 -6.26	18.98 0.50 -6.67	19.53 0.50 -7.37	22.12 0.54 -9.23	26.85 0.61 -11.27	30.80 0.84 -9.54	37.00 0.86 -16.12	40.95 0.96 -17.74	35.49 0.71 -19.12	25.89 0.47 -14.51	25.29 0.32 -17.25
ROARING____BROOK_WT_PWR 323790	9.92 -0.17 0.00	10.09 -0.16 0.00	9.96 -0.15 0.00	9.91 -0.14 0.00	10.58 -0.16 0.00	13.14 -0.19 0.00	19.81 -0.30 0.00	24.37 -0.32 0.00	17.64 -0.25 0.00	14.97 -0.20 0.00	14.97 -0.21 0.00	13.57 -0.19 0.00	11.87 -0.18 0.00	12.13 -0.18 0.00	11.62 -0.20 0.00	11.45 -0.21 0.00	12.12 -0.22 0.00	14.73 -0.24 0.00	20.09 -0.33 0.00	19.71 -0.30 0.00	21.89 -0.36 0.00	15.31 -0.36 0.00	10.54 -0.36 0.00	7.38 -0.34 0.00
ROCHESRG_115KV_T4 355643	11.59 -0.08 -1.58	11.56 -0.08 -1.38	11.32 -0.10 -1.30	11.13 -0.11 -1.19	11.84 -0.10 -1.20	14.24 -0.16 -1.08	20.99 -0.32 -1.20	25.01 -0.54 -0.86	18.55 -0.52 -1.17	15.33 -0.42 -0.59	15.17 -0.38 -0.37	13.96 -0.30 -0.50	12.50 -0.22 -0.67	12.79 -0.21 -0.68	12.39 -0.15 -0.73	12.33 -0.14 -0.81	13.21 -0.15 -1.01	15.82 -0.37 -1.23	20.96 -0.51 -1.04	21.21 -0.56 -1.76	23.29 -0.67 -1.71	16.85 -0.22 -1.40	12.31 -0.19 -1.59	9.59 -0.02 -1.89
ROCHESTER_9_IC 23652	11.65 -0.03 -1.59	11.62 -0.03 -1.39	11.37 -0.05 -1.31	11.19 -0.06 -1.20	11.91 -0.03 -1.20	14.31 -0.09 -1.08	21.12 -0.20 -1.20	25.19 -0.37 -0.86	18.66 -0.41 -1.18	15.42 -0.33 -0.59	15.26 -0.29 -0.37	14.05 -0.22 -0.50	12.58 -0.14 -0.67	12.86 -0.15 -0.69	12.45 -0.09 -0.73	12.38 -0.09 -0.81	13.27 -0.09 -1.01	15.91 -0.30 -1.24	21.08 -0.39 -1.05	21.34 -0.44 -1.77	23.43 -0.53 -1.71	16.95 -0.13 -1.41	12.38 -0.12 -1.59	9.63 0.02 -1.90
ROCKVIEW_13_KV_LD 356306	22.74 0.66 -11.99	21.39 0.65 -10.49	20.60 0.62 -9.87	19.70 0.61 -9.04	20.45 0.64 -9.06	22.27 0.77 -8.17	30.43 1.23 -9.09	32.70 1.51 -6.49	28.09 1.32 -8.87	20.77 1.15 -4.45	19.13 1.15 -2.79	18.62 1.06 -3.79	18.10 0.96 -5.08	18.50 1.00 -5.19	18.31 0.97 -5.52	18.72 0.96 -6.10	20.95 0.96 -7.64	25.44 1.14 -9.34	29.84 1.51 -7.91	34.75 1.38 -13.36	36.84 1.51 -13.07	27.71 0.99 -11.05	23.64 0.71 -12.03	22.54 0.52 -14.29
ROME____115KV_TB2 80656	11.09 0.30 -0.69	11.15 0.29 -0.60	10.97 0.28 -0.57	10.86 0.29 -0.52	11.60 0.33 -0.52	14.24 0.44 -0.47	21.36 0.72 -0.52	26.01 0.94 -0.37	19.00 0.59 -0.51	15.82 0.39 -0.26	15.72 0.38 -0.16	14.26 0.28 -0.22	12.58 0.24 -0.29	12.84 0.22 -0.30	12.35 0.21 -0.32	12.25 0.23 -0.35	13.06 0.27 -0.44	15.97 0.46 -0.54	21.65 0.78 -0.46	21.60 0.82 -0.77	23.82 0.96 -0.61	16.40 0.52 -0.22	11.93 0.33 -0.69	8.79 0.24 -0.82
ROSETON____1 23587	22.55 0.56 -11.90	21.21 0.55 -10.40	20.44 0.54 -9.79	19.55 0.53 -8.96	20.29 0.56 -8.99	22.10 0.67 -8.11	30.17 1.05 -9.01	32.42 1.28 -6.44	27.79 1.09 -8.80	20.54 0.96 -4.41	18.91 0.96 -2.77	18.41 0.88 -3.76	17.89 0.80 -5.04	18.29 0.83 -5.15	18.10 0.80 -5.48	18.51 0.79 -6.05	20.73 0.80 -7.58	25.17 0.94 -9.26	29.51 1.25 -7.84	34.38 1.12 -13.25	36.47 1.25 -12.97	27.47 0.83 -10.97	23.43 0.60 -11.93	22.34 0.43 -14.18
ROSETON____2 23588	22.55 0.56 -11.90	21.21 0.55 -10.40	20.44 0.54 -9.79	19.55 0.53 -8.96	20.29 0.56 -8.99	22.10 0.67 -8.11	30.17 1.05 -9.01	32.42 1.28 -6.44	27.79 1.09 -8.80	20.54 0.96 -4.41	18.91 0.96 -2.77	18.41 0.88 -3.76	17.89 0.80 -5.04	18.29 0.83 -5.15	18.10 0.80 -5.48	18.51 0.79 -6.05	20.73 0.80 -7.58	25.17 0.94 -9.26	29.51 1.25 -7.84	34.38 1.12 -13.25	36.47 1.25 -12.97	27.47 0.83 -10.97	23.43 0.60 -11.93	22.34 0.43 -14.18
ROTTSDAM_115KV_TB3 80664	25.69 0.38 -15.22	23.95 0.39 -13.31	23.02 0.38 -12.52	21.90 0.38 -11.46	22.66 0.42 -11.49	24.21 0.52 -10.37	32.49 0.82 -11.55	33.94 0.99 -8.25	29.87 0.70 -11.28	21.38 0.56 -5.65	19.29 0.56 -3.55	19.08 0.50 -4.82	18.96 0.45 -6.46	19.37 0.46 -6.59	19.28 0.44 -7.02	19.86 0.44 -7.76	22.54 0.48 -9.71	27.42 0.58 -11.87	31.25 0.80 -10.03	37.78 0.82 -16.95	44.44 0.91 -21.27	44.12 0.67 -27.78	26.60 0.44 -15.26	26.16 0.30 -18.13
RUSSELL____1 23602	11.69 0.01 -1.59	11.66 0.01 -1.39	11.41 -0.01 -1.31	11.23 -0.02 -1.20	11.95 0.00 -1.20	14.37 -0.04 -1.08	21.20 -0.12 -1.20	25.31 -0.25 -0.86	18.75 -0.32 -1.18	15.50 -0.26 -0.59	15.33 -0.23 -0.37	14.11 -0.15 -0.50	12.63 -0.10 -0.67	12.92 -0.09 -0.69	12.51 -0.04 -0.73	12.42 -0.05 -0.81	13.33 -0.02 -1.01	15.98 -0.22 -1.24	21.18 -0.29 -1.05	21.44 -0.34 -1.77	23.57 -0.40 -1.71	17.03 -0.05 -1.41	12.42 -0.08 -1.59	9.67 0.05 -1.90
RUSSELL____2 23532	11.69 0.01 -1.59	11.66 0.01 -1.39	11.41 -0.01 -1.31	11.23 -0.02 -1.20	11.95 0.00 -1.20	14.37 -0.04 -1.08	21.20 -0.12 -1.20	25.31 -0.25 -0.86	18.75 -0.32 -1.18	15.50 -0.26 -0.59	15.33 -0.23 -0.37	14.11 -0.15 -0.50	12.63 -0.10 -0.67	12.92 -0.09 -0.69	12.51 -0.04 -0.73	12.42 -0.05 -0.81	13.33 -0.02 -1.01	15.98 -0.22 -1.24	21.18 -0.29 -1.05	21.44 -0.34 -1.77	23.57 -0.40 -1.71	17.03 -0.05 -1.41	12.42 -0.08 -1.59	9.67 0.05 -1.90
RUSSELL____3 23549	11.69 0.01 -1.59	11.66 0.01 -1.39	11.41 -0.01 -1.31	11.23 -0.02 -1.20	11.95 0.00 -1.20	14.37 -0.04 -1.08	21.20 -0.12 -1.20	25.31 -0.25 -0.86	18.75 -0.32 -1.18	15.50 -0.26 -0.59	15.33 -0.23 -0.37	14.11 -0.15 -0.50	12.63 -0.10 -0.67	12.92 -0.09 -0.69	12.51 -0.04 -0.73	12.42 -0.05 -0.81	13.33 -0.02 -1.01	15.98 -0.22 -1.24	21.18 -0.29 -1.05	21.44 -0.34 -1.77	23.57 -0.40 -1.71	17.03 -0.05 -1.41	12.42 -0.08 -1.59	9.67 0.05 -1.90
RUSSELL____4 23556	11.69 0.01 -1.59	11.66 0.01 -1.39	11.41 -0.01 -1.31	11.23 -0.02 -1.20	11.95 0.00 -1.20	14.37 -0.04 -1.08	21.20 -0.12 -1.20	25.31 -0.25 -0.86	18.75 -0.32 -1.18	15.50 -0.26 -0.59	15.33 -0.23 -0.37	14.11 -0.15 -0.50	12.63 -0.10 -0.67	12.92 -0.09 -0.69	12.51 -0.04 -0.73	12.42 -0.05 -0.81	13.33 -0.02 -1.01	15.98 -0.22 -1.24	21.18 -0.29 -1.05	21.44 -0.34 -1.77	23.57 -0.40 -1.71	17.03 -0.05 -1.41	12.42 -0.08 -1.59	9.67 0.05 -1.90

RUSSELL___STATION 23914	11.69 0.01 -1.59	11.66 0.01 -1.39	11.41 -0.01 -1.31	11.23 -0.02 -1.20	11.95 0.00 -1.20	14.37 -0.04 -1.08	21.20 -0.12 -1.20	25.31 -0.25 -0.86	18.75 -0.32 -1.18	15.50 -0.26 -0.59	15.33 -0.23 -0.37	14.11 -0.15 -0.50	12.63 -0.10 -0.67	12.92 -0.09 -0.69	12.51 -0.04 -0.73	12.42 -0.05 -0.81	13.33 -0.02 -1.01	15.98 -0.22 -1.24	21.18 -0.29 -1.05	21.44 -0.34 -1.77	23.57 -0.40 -1.71	17.03 -0.05 -1.41	12.42 -0.08 -1.59	9.67 0.05 -1.90
S SALMON___HYD 24043	11.03 -0.09 -1.03	11.06 -0.09 -0.90	10.87 -0.09 -0.85	10.73 -0.09 -0.77	11.45 -0.07 -0.78	13.93 -0.09 -0.70	20.81 -0.08 -0.78	25.13 -0.12 -0.56	18.46 -0.20 -0.76	15.34 -0.21 -0.38	15.21 -0.21 -0.24	13.88 -0.21 -0.32	12.29 -0.19 -0.44	12.55 -0.21 -0.44	12.09 -0.20 -0.47	12.00 -0.19 -0.52	12.81 -0.18 -0.65	15.57 -0.19 -0.80	20.90 -0.20 -0.68	21.02 -0.14 -1.14	23.05 -0.11 -0.91	15.88 -0.11 -0.32	11.85 -0.09 -1.03	8.92 -0.03 -1.22
S.PERRY___115KV_TB1 80734	12.61 0.51 -2.01	12.55 0.53 -1.76	12.29 0.53 -1.65	12.07 0.50 -1.51	12.86 0.60 -1.52	15.44 0.75 -1.37	22.80 1.17 -1.52	27.07 1.28 -1.09	19.94 0.55 -1.49	16.23 0.32 -0.74	15.97 0.32 -0.47	14.63 0.23 -0.64	13.14 0.24 -0.85	13.46 0.27 -0.87	13.06 0.32 -0.92	13.02 0.34 -1.02	14.01 0.38 -1.28	17.01 0.48 -1.56	22.56 0.82 -1.32	23.19 0.94 -2.24	25.51 1.07 -2.19	18.34 0.83 -1.85	13.40 0.48 -2.01	10.54 0.42 -2.39
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	11.97 -0.16 -2.04	11.89 -0.15 -1.79	11.61 -0.18 -1.68	11.39 -0.20 -1.54	12.09 -0.19 -1.54	14.38 -0.33 -1.39	21.04 -0.62 -1.55	24.64 -1.16 -1.11	18.46 -0.95 -1.51	15.18 -0.74 -0.76	14.96 -0.70 -0.48	13.87 -0.54 -0.65	12.51 -0.41 -0.87	12.82 -0.38 -0.89	12.50 -0.26 -0.94	12.50 -0.20 -1.04	13.41 -0.23 -1.30	15.96 -0.60 -1.59	20.87 -0.90 -1.35	21.21 -1.08 -2.28	23.14 -1.34 -2.23	16.98 -0.56 -1.88	12.52 -0.44 -2.05	10.04 -0.12 -2.44
SAWYER___23_KV_LOAD 55526	11.97 -0.16 -2.04	11.89 -0.15 -1.79	11.61 -0.18 -1.68	11.39 -0.20 -1.54	12.09 -0.19 -1.54	14.38 -0.33 -1.39	21.04 -0.62 -1.55	24.64 -1.16 -1.11	18.46 -0.95 -1.51	15.18 -0.74 -0.76	14.96 -0.70 -0.48	13.87 -0.54 -0.65	12.51 -0.41 -0.87	12.82 -0.38 -0.89	12.50 -0.26 -0.94	12.50 -0.20 -1.04	13.41 -0.23 -1.30	15.96 -0.60 -1.59	20.87 -0.90 -1.35	21.21 -1.08 -2.28	23.14 -1.34 -2.23	16.98 -0.56 -1.88	12.52 -0.44 -2.05	10.04 -0.12 -2.44
SELKIRK___I 23801	24.73 0.42 -14.22	23.14 0.45 -12.43	22.26 0.44 -11.70	21.20 0.44 -10.71	21.95 0.47 -10.74	23.60 0.59 -9.69	31.75 0.86 -10.77	33.38 0.99 -7.70	29.11 0.70 -10.52	21.02 0.58 -5.27	19.06 0.58 -3.30	18.77 0.51 -4.49	18.51 0.45 -6.02	18.92 0.46 -6.14	18.80 0.44 -6.54	19.33 0.44 -7.23	21.88 0.48 -9.05	26.59 0.57 -11.06	30.58 0.80 -9.36	36.65 0.82 -15.82	39.83 0.91 -16.67	32.93 0.69 -16.58	25.60 0.46 -14.24	24.98 0.32 -16.94
SELKIRK___II 23799	24.86 0.38 -14.39	23.24 0.40 -12.58	22.35 0.39 -11.84	21.28 0.39 -10.84	22.03 0.42 -10.87	23.64 0.51 -9.81	31.76 0.74 -10.90	33.37 0.89 -7.79	29.20 0.66 -10.65	21.05 0.55 -5.34	19.09 0.56 -3.34	18.82 0.51 -4.55	18.59 0.45 -6.09	18.99 0.46 -6.22	18.89 0.45 -6.62	19.42 0.44 -7.31	21.98 0.48 -9.16	26.71 0.55 -11.19	30.66 0.76 -9.48	36.78 0.76 -16.01	40.05 0.82 -16.98	33.37 0.61 -17.10	25.74 0.42 -14.41	25.16 0.29 -17.15
SENECA OSWGO___HYD 24041	11.08 -0.17 -1.16	11.10 -0.16 -1.01	10.89 -0.17 -0.95	10.75 -0.17 -0.87	11.46 -0.16 -0.87	13.90 -0.21 -0.79	20.69 -0.30 -0.88	24.93 -0.40 -0.63	18.37 -0.38 -0.86	15.26 -0.33 -0.43	15.13 -0.32 -0.27	13.85 -0.28 -0.37	12.31 -0.23 -0.49	12.57 -0.25 -0.50	12.14 -0.21 -0.53	12.04 -0.21 -0.59	12.86 -0.22 -0.74	15.58 -0.28 -0.90	20.86 -0.33 -0.76	20.98 -0.32 -1.29	23.15 -0.33 -1.23	16.42 -0.22 -0.97	11.88 -0.19 -1.16	9.01 -0.09 -1.38
SENECA___115KV_TB3 355854	12.14 -0.08 -2.13	12.06 -0.06 -1.86	11.78 -0.09 -1.75	11.53 -0.12 -1.60	12.26 -0.10 -1.61	14.58 -0.20 -1.45	21.35 -0.38 -1.62	24.99 -0.86 -1.16	18.76 -0.72 -1.58	15.40 -0.56 -0.79	15.17 -0.52 -0.50	14.06 -0.39 -0.68	12.68 -0.28 -0.91	13.00 -0.25 -0.93	12.66 -0.14 -0.99	12.66 -0.08 -1.08	13.60 -0.10 -1.36	16.19 -0.43 -1.66	21.17 -0.65 -1.40	21.54 -0.84 -2.37	23.48 -1.09 -2.32	17.19 -0.44 -1.96	12.67 -0.37 -2.14	10.18 -0.08 -2.54
SENECA___ENERGY 23797	11.73 -0.03 -1.67	11.70 -0.02 -1.46	11.45 -0.04 -1.37	11.27 -0.04 -1.26	11.99 -0.01 -1.26	14.45 -0.01 -1.14	21.40 0.02 -1.26	25.58 -0.02 -0.90	18.99 -0.14 -1.24	15.62 -0.17 -0.62	15.42 -0.15 -0.39	14.15 -0.14 -0.53	12.65 -0.11 -0.71	12.93 -0.11 -0.72	12.52 -0.07 -0.77	12.45 -0.06 -0.85	13.36 -0.05 -1.06	16.16 -0.10 -1.30	21.44 -0.08 -1.10	21.79 -0.08 -1.86	24.01 -0.04 -1.81	17.18 0.02 -1.50	12.53 -0.04 -1.67	9.74 0.02 -1.99
SHOEMAKER___GT 23640	21.51 0.51 -10.90	20.29 0.50 -9.53	19.57 0.49 -8.97	18.75 0.48 -8.21	19.48 0.51 -8.23	21.34 0.59 -7.43	29.32 0.95 -8.26	31.74 1.14 -5.90	26.93 0.97 -8.07	20.03 0.82 -4.04	18.52 0.80 -2.54	17.95 0.74 -3.45	17.33 0.66 -4.62	17.72 0.69 -4.71	17.51 0.67 -5.02	17.88 0.68 -5.55	19.98 0.69 -6.95	24.25 0.79 -8.49	28.69 1.08 -7.19	33.12 0.96 -12.14	35.21 1.07 -11.89	26.45 0.72 -10.06	22.38 0.54 -10.93	21.10 0.38 -12.99
SHOEMAKR_138KV_BK 111 55601	21.40 0.50 -10.81	20.21 0.50 -9.45	19.49 0.49 -8.89	18.68 0.48 -8.14	19.41 0.50 -8.16	21.28 0.59 -7.37	29.25 0.95 -8.19	31.68 1.14 -5.85	26.88 0.98 -8.00	19.99 0.82 -4.01	18.52 0.82 -2.51	17.93 0.74 -3.42	17.31 0.67 -4.58	17.70 0.70 -4.67	17.48 0.69 -4.98	17.85 0.69 -5.50	19.92 0.69 -6.89	24.19 0.81 -8.42	28.65 1.10 -7.13	33.05 1.00 -12.04	35.13 1.09 -11.79	26.38 0.74 -9.98	22.29 0.55 -10.84	20.99 0.38 -12.88
SHOREHAM_IC_1 23715	25.69 0.99 -14.61	23.13 0.98 -11.89	22.60 0.97 -11.52	22.61 0.96 -11.60	23.20 1.00 -11.45	29.55 1.23 -15.00	31.09 1.89 -9.09	33.09 1.90 -6.49	29.61 1.88 -9.84	23.36 1.61 -6.59	24.28 1.50 -7.59	22.89 1.40 -7.72	22.32 1.25 -9.02	22.52 1.29 -8.91	25.61 1.22 -12.57	26.39 1.22 -13.51	26.87 1.26 -13.27	29.34 1.54 -12.84	31.36 2.08 -8.86	36.64 1.94 -14.69	43.20 2.22 -18.72	31.73 1.44 -14.62	28.02 1.07 -16.05	25.62 0.76 -17.14
SHOREHAM_IC_2 23716	25.69 0.99 -14.61	23.13 0.98 -11.89	22.60 0.97 -11.52	22.61 0.96 -11.60	23.20 1.00 -11.45	29.55 1.23 -15.00	31.09 1.89 -9.09	33.09 1.90 -6.49	29.61 1.88 -9.84	23.36 1.61 -6.59	24.28 1.50 -7.59	22.89 1.40 -7.72	22.32 1.25 -9.02	22.52 1.29 -8.91	25.61 1.22 -12.57	26.39 1.22 -13.51	26.87 1.26 -13.27	29.34 1.54 -12.84	31.36 2.08 -8.86	36.64 1.94 -14.69	43.20 2.22 -18.72	31.73 1.44 -14.62	28.02 1.07 -16.05	25.62 0.76 -17.14
SISSONVILLE___ 23735	9.95 -0.14 0.00	10.11 -0.14 0.00	9.99 -0.12 0.00	9.94 -0.11 0.00	10.62 -0.13 0.00	13.23 -0.09 0.00	19.97 -0.14 0.00	24.62 -0.07 0.00	17.75 -0.14 0.00	15.02 -0.15 0.00	15.00 -0.18 0.00	13.56 -0.21 0.00	11.68 -0.37 0.00	11.90 -0.42 0.00	11.24 -0.58 0.00	11.04 -0.62 0.00	11.73 -0.62 0.00	14.35 -0.61 0.00	19.67 -0.76 0.00	19.41 -0.60 0.00	21.72 -0.53 0.00	15.20 -0.47 0.00	10.72 -0.19 0.00	7.59 -0.13 0.00

SITHE_IND_GS1 24169	10.79 -0.29 -0.99	10.84 -0.29 -0.87	10.64 -0.29 -0.82	10.51 -0.29 -0.75	11.19 -0.30 -0.75	13.61 -0.39 -0.68	20.28 -0.58 -0.75	24.49 -0.74 -0.54	18.04 -0.59 -0.73	15.02 -0.52 -0.37	14.91 -0.50 -0.23	13.64 -0.44 -0.31	12.10 -0.37 -0.42	12.35 -0.39 -0.43	11.92 -0.35 -0.46	11.82 -0.35 -0.51	12.62 -0.36 -0.63	15.28 -0.46 -0.77	20.46 -0.61 -0.65	20.50 -0.62 -1.11	22.44 -0.69 -0.88	15.54 -0.44 -0.31	11.57 -0.33 -1.00	8.71 -0.20 -1.18
SITHE_IND_GS2 24170	10.79 -0.29 -0.99	10.84 -0.29 -0.87	10.64 -0.29 -0.82	10.51 -0.29 -0.75	11.19 -0.30 -0.75	13.61 -0.39 -0.68	20.28 -0.58 -0.75	24.49 -0.74 -0.54	18.04 -0.59 -0.73	15.02 -0.52 -0.37	14.91 -0.50 -0.23	13.64 -0.44 -0.31	12.10 -0.37 -0.42	12.35 -0.39 -0.43	11.92 -0.35 -0.46	11.82 -0.35 -0.51	12.62 -0.36 -0.63	15.28 -0.46 -0.77	20.46 -0.61 -0.65	20.50 -0.62 -1.11	22.44 -0.69 -0.88	15.54 -0.44 -0.31	11.57 -0.33 -1.00	8.71 -0.20 -1.18
SITHE_IND_GS3 24171	10.79 -0.29 -0.99	10.84 -0.29 -0.87	10.64 -0.29 -0.82	10.51 -0.29 -0.75	11.19 -0.30 -0.75	13.61 -0.39 -0.68	20.28 -0.58 -0.75	24.49 -0.74 -0.54	18.04 -0.59 -0.73	15.02 -0.52 -0.37	14.91 -0.50 -0.23	13.64 -0.44 -0.31	12.10 -0.37 -0.42	12.35 -0.39 -0.43	11.92 -0.35 -0.46	11.82 -0.35 -0.51	12.62 -0.36 -0.63	15.28 -0.46 -0.77	20.46 -0.61 -0.65	20.50 -0.62 -1.11	22.44 -0.69 -0.88	15.54 -0.44 -0.31	11.57 -0.33 -1.00	8.71 -0.20 -1.18
SITHE_IND_GS4 24172	10.79 -0.29 -0.99	10.84 -0.29 -0.87	10.64 -0.29 -0.82	10.51 -0.29 -0.75	11.19 -0.30 -0.75	13.61 -0.39 -0.68	20.28 -0.58 -0.75	24.49 -0.74 -0.54	18.04 -0.59 -0.73	15.02 -0.52 -0.37	14.91 -0.50 -0.23	13.64 -0.44 -0.31	12.10 -0.37 -0.42	12.35 -0.39 -0.43	11.92 -0.35 -0.46	11.82 -0.35 -0.51	12.62 -0.36 -0.63	15.28 -0.46 -0.77	20.46 -0.61 -0.65	20.50 -0.62 -1.11	22.44 -0.69 -0.88	15.54 -0.44 -0.31	11.57 -0.33 -1.00	8.71 -0.20 -1.18
SITHE___BATAVIA 24024	11.95 0.26 -1.60	11.91 0.26 -1.40	11.66 0.23 -1.31	11.48 0.23 -1.20	12.23 0.28 -1.21	14.75 0.33 -1.09	21.80 0.48 -1.21	26.10 0.54 -0.86	19.24 0.16 -1.18	15.90 0.14 -0.59	15.71 0.15 -0.37	14.43 0.17 -0.50	12.89 0.17 -0.68	13.19 0.19 -0.69	12.76 0.21 -0.73	12.63 0.16 -0.81	13.58 0.22 -1.02	16.30 0.09 -1.24	21.68 0.20 -1.05	22.01 0.22 -1.78	24.19 0.22 -1.72	17.46 0.38 -1.42	12.72 0.22 -1.60	9.87 0.24 -1.90
SITHE___INDEPEND 23800	10.79 -0.29 -0.99	10.84 -0.29 -0.87	10.64 -0.29 -0.82	10.51 -0.29 -0.75	11.19 -0.30 -0.75	13.61 -0.39 -0.68	20.28 -0.58 -0.75	24.49 -0.74 -0.54	18.04 -0.59 -0.73	15.02 -0.52 -0.37	14.91 -0.50 -0.23	13.64 -0.44 -0.31	12.10 -0.37 -0.42	12.35 -0.39 -0.43	11.92 -0.35 -0.46	11.82 -0.35 -0.51	12.62 -0.36 -0.63	15.28 -0.46 -0.77	20.46 -0.61 -0.65	20.50 -0.62 -1.11	22.44 -0.69 -0.88	15.54 -0.44 -0.31	11.57 -0.33 -1.00	8.71 -0.20 -1.18
SITHE___MASSENA 23902	9.95 -0.14 0.00	10.12 -0.13 0.00	10.00 -0.11 0.00	9.95 -0.10 0.00	10.62 -0.13 0.00	13.20 -0.12 0.00	19.89 -0.22 0.00	24.50 -0.20 0.00	17.72 -0.18 0.00	15.00 -0.17 0.00	15.00 -0.18 0.00	13.57 -0.19 0.00	11.81 -0.24 0.00	12.07 -0.25 0.00	11.50 -0.32 0.00	11.30 -0.36 0.00	11.99 -0.36 0.00	14.62 -0.34 0.00	19.97 -0.45 0.00	19.67 -0.34 0.00	21.92 -0.33 0.00	15.37 -0.30 0.00	10.75 -0.15 0.00	7.59 -0.13 0.00
SITHE___OGDNSBRG 24021	10.02 -0.07 0.00	10.18 -0.07 0.00	10.07 -0.04 0.00	10.02 -0.03 0.00	10.70 -0.04 0.00	13.34 0.01 0.00	20.11 0.00 0.00	24.82 0.12 0.00	17.88 -0.02 0.00	15.09 -0.08 0.00	15.11 -0.08 0.00	13.64 -0.12 0.00	11.81 -0.24 0.00	12.05 -0.27 0.00	11.44 -0.38 0.00	11.23 -0.43 0.00	11.93 -0.42 0.00	14.62 -0.34 0.00	20.05 -0.37 0.00	19.81 -0.20 0.00	22.12 -0.13 0.00	15.42 -0.25 0.00	10.82 -0.09 0.00	7.65 -0.08 0.00
SITHE___STERLING 23777	11.11 0.22 -0.80	11.17 0.22 -0.70	10.99 0.21 -0.66	10.87 0.22 -0.60	11.60 0.25 -0.60	14.19 0.32 -0.54	21.26 0.54 -0.61	25.82 0.69 -0.43	18.90 0.41 -0.59	15.74 0.27 -0.30	15.64 0.27 -0.19	14.21 0.19 -0.25	12.57 0.18 -0.34	12.82 0.16 -0.35	12.35 0.17 -0.37	12.25 0.19 -0.41	13.08 0.22 -0.51	15.93 0.34 -0.62	21.52 0.57 -0.53	21.50 0.60 -0.89	23.67 0.71 -0.71	16.31 0.39 -0.25	11.95 0.24 -0.80	8.86 0.19 -0.95
SLEIGHT__34_KV_TB1 80719	11.83 0.15 -1.58	11.80 0.16 -1.38	11.57 0.15 -1.30	11.38 0.14 -1.19	12.13 0.19 -1.20	14.67 0.27 -1.08	21.76 0.44 -1.20	26.10 0.54 -0.86	19.33 0.27 -1.17	15.92 0.17 -0.59	15.76 0.21 -0.37	14.44 0.18 -0.50	12.89 0.17 -0.67	13.16 0.16 -0.68	12.72 0.18 -0.73	12.64 0.17 -0.81	13.55 0.20 -1.01	16.42 0.22 -1.23	21.81 0.35 -1.04	22.14 0.36 -1.76	24.41 0.45 -1.71	17.44 0.36 -1.41	12.67 0.17 -1.59	9.80 0.19 -1.89
SOUTH CAIRO___GT 23612	24.31 0.56 -13.66	22.78 0.58 -11.94	21.93 0.58 -11.24	20.92 0.58 -10.29	21.67 0.61 -10.31	23.35 0.72 -9.31	31.69 1.23 -10.35	33.52 1.43 -7.39	28.98 0.98 -10.10	20.87 0.64 -5.06	18.97 0.61 -3.17	18.60 0.52 -4.32	18.28 0.45 -5.79	18.66 0.44 -5.90	18.52 0.41 -6.29	19.06 0.45 -6.94	21.60 0.56 -8.70	26.22 0.63 -10.63	30.44 1.02 -9.00	36.31 1.10 -15.20	39.43 1.22 -15.96	32.37 0.94 -15.76	25.23 0.64 -13.68	24.36 0.36 -16.28
SOUTH HAMPTN___IC 23720	25.80 1.10 -14.61	23.25 1.10 -11.89	22.71 1.08 -11.52	22.72 1.08 -11.60	23.32 1.13 -11.45	29.71 1.39 -15.00	31.33 2.13 -9.09	33.39 2.20 -6.49	29.81 2.07 -9.84	23.51 1.76 -6.59	24.44 1.67 -7.59	23.02 1.54 -7.72	22.45 1.39 -9.02	22.65 1.42 -8.91	25.74 1.35 -12.57	26.52 1.35 -13.51	27.01 1.39 -13.27	29.52 1.72 -12.84	31.61 2.33 -8.86	36.90 2.20 -14.69	43.49 2.51 -18.72	31.94 1.64 -14.62	28.15 1.20 -16.05	25.71 0.85 -17.14
SOUTHDOW__115KV_TB1 355954	12.63 0.26 -2.28	12.55 0.31 -1.99	12.25 0.26 -1.87	11.98 0.21 -1.72	12.74 0.28 -1.72	15.20 0.32 -1.55	22.43 0.58 -1.73	26.30 0.37 -1.24	19.73 0.14 -1.69	16.15 0.14 -0.85	15.91 0.20 -0.53	14.68 0.19 -0.72	13.21 0.19 -0.97	13.57 0.26 -0.99	13.19 0.32 -1.05	13.18 0.36 -1.16	14.17 0.37 -1.45	16.92 0.18 -1.77	22.17 0.25 -1.50	22.53 -0.02 -2.54	24.52 -0.22 -2.49	17.81 0.03 -2.12	13.05 -0.14 -2.28	10.49 0.05 -2.71
SOUTHOLD_69_KV_BK 2 55809	25.93 1.23 -14.61	23.39 1.24 -11.89	22.85 1.22 -11.52	22.86 1.22 -11.60	23.47 1.28 -11.45	29.90 1.57 -15.00	31.63 2.43 -9.09	33.73 2.54 -6.49	30.04 2.31 -9.84	23.71 1.96 -6.59	24.64 1.87 -7.59	23.20 1.72 -7.72	22.60 1.53 -9.02	22.78 1.55 -8.91	25.88 1.49 -12.57	26.66 1.49 -13.51	27.17 1.56 -13.27	29.75 1.95 -12.84	31.93 2.65 -8.86	37.24 2.54 -14.69	43.87 2.89 -18.72	32.19 1.90 -14.62	28.33 1.37 -16.05	25.83 0.97 -17.14
SOUTHOLD___IC 23719	25.93 1.23 -14.61	23.39 1.24 -11.89	22.85 1.22 -11.52	22.86 1.22 -11.60	23.47 1.28 -11.45	29.90 1.57 -15.00	31.63 2.43 -9.09	33.76 2.57 -6.49	30.06 2.33 -9.84	23.71 1.96 -6.59	24.64 1.87 -7.59	23.20 1.72 -7.72	22.60 1.53 -9.02	22.78 1.55 -8.91	25.88 1.49 -12.57	26.66 1.49 -13.51	27.17 1.56 -13.27	29.75 1.94 -12.84	31.93 2.65 -8.86	37.24 2.54 -14.69	43.87 2.89 -18.72	32.20 1.91 -14.62	28.33 1.37 -16.05	25.83 0.97 -17.14

SPIERFLS_115KV_TB 1 80737	25.62 0.49 -15.04	23.90 0.49 -13.15	22.96 0.48 -12.38	21.86 0.48 -11.33	22.64 0.54 -11.36	24.27 0.69 -10.25	32.69 1.17 -11.41	34.26 1.41 -8.15	29.95 0.91 -11.14	21.43 0.68 -5.59	19.34 0.65 -3.50	19.09 0.56 -4.76	18.95 0.52 -6.38	19.35 0.52 -6.51	19.23 0.47 -6.94	19.80 0.48 -7.66	22.51 0.57 -9.60	27.39 0.70 -11.72	31.34 1.00 -9.92	37.90 1.14 -16.75	44.24 1.34 -20.65	43.02 0.99 -26.36	26.58 0.60 -15.08	26.02 0.38 -17.92
ST LAWRENCE____ 23600	9.84 -0.25 0.00	10.00 -0.26 0.00	9.87 -0.24 0.00	9.82 -0.23 0.00	10.48 -0.27 0.00	13.02 -0.31 0.00	19.61 -0.50 0.00	24.13 -0.57 0.00	17.47 -0.43 0.00	14.82 -0.35 0.00	14.83 -0.35 0.00	13.43 -0.33 0.00	11.72 -0.32 0.00	11.99 -0.33 0.00	11.45 -0.37 0.00	11.29 -0.37 0.00	11.96 -0.38 0.00	14.55 -0.42 0.00	19.83 -0.59 0.00	19.49 -0.52 0.00	21.70 -0.56 0.00	15.23 -0.44 0.00	10.63 -0.27 0.00	7.51 -0.22 0.00
STATE_CA_115KV_115_LB 55624	25.15 0.46 -14.59	23.50 0.48 -12.76	22.60 0.48 -12.01	21.52 0.47 -10.99	22.28 0.52 -11.02	23.91 0.64 -9.95	32.12 0.95 -11.06	33.73 1.14 -7.90	29.52 0.82 -10.80	21.25 0.67 -5.41	19.26 0.68 -3.39	19.00 0.62 -4.62	18.79 0.55 -6.19	19.19 0.55 -6.31	19.07 0.53 -6.72	19.62 0.54 -7.43	22.23 0.58 -9.30	27.00 0.67 -11.36	30.96 0.92 -9.62	37.20 0.94 -16.25	41.53 1.05 -18.24	36.74 0.77 -20.30	26.04 0.51 -14.63	25.45 0.35 -17.38
STATE_ST_34_KV_LOAD 55959	11.78 0.03 -1.66	11.75 0.04 -1.45	11.50 0.02 -1.36	11.32 0.02 -1.25	12.05 0.05 -1.25	14.53 0.08 -1.13	21.51 0.14 -1.26	25.77 0.17 -0.90	19.16 0.04 -1.23	15.75 -0.03 -0.61	15.57 0.00 -0.39	14.29 0.00 -0.52	12.75 0.00 -0.70	13.04 0.00 -0.72	12.62 0.04 -0.76	12.54 0.03 -0.84	13.45 0.05 -1.06	16.30 0.04 -1.29	21.62 0.10 -1.09	21.98 0.12 -1.85	24.22 0.18 -1.79	17.30 0.14 -1.49	12.61 0.04 -1.66	9.78 0.08 -1.97
STATION 5_MISC_HYD 23604	11.65 -0.03 -1.59	11.62 -0.03 -1.39	11.37 -0.05 -1.31	11.19 -0.06 -1.20	11.91 -0.03 -1.20	14.32 -0.09 -1.08	21.12 -0.20 -1.20	25.19 -0.37 -0.86	18.66 -0.41 -1.18	15.42 -0.33 -0.59	15.26 -0.29 -0.37	14.05 -0.22 -0.50	12.57 -0.16 -0.67	12.86 -0.15 -0.69	12.45 -0.09 -0.73	12.37 -0.09 -0.81	13.27 -0.09 -1.01	15.90 -0.30 -1.24	21.08 -0.39 -1.05	21.36 -0.42 -1.77	23.43 -0.53 -1.71	16.95 -0.13 -1.41	12.38 -0.12 -1.59	9.63 0.02 -1.90
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	11.70 0.02 -1.59	11.67 0.02 -1.39	11.43 0.01 -1.31	11.25 0.00 -1.20	11.98 0.03 -1.20	14.44 0.03 -1.08	21.36 0.04 -1.21	25.56 0.00 -0.86	18.91 -0.16 -1.18	15.61 -0.15 -0.59	15.43 -0.12 -0.37	14.17 -0.10 -0.50	12.67 -0.05 -0.67	12.96 -0.05 -0.69	12.54 -0.01 -0.73	12.46 -0.01 -0.81	13.36 0.00 -1.01	16.09 -0.12 -1.24	21.35 -0.12 -1.05	21.64 -0.14 -1.77	23.81 -0.16 -1.72	17.11 0.03 -1.42	12.48 -0.02 -1.60	9.68 0.06 -1.90
STA_56_34_KV_BUS2_REV_LBMP_B 345033	11.58 -0.09 -1.58	11.54 -0.09 -1.38	11.30 -0.11 -1.30	11.13 -0.11 -1.19	11.84 -0.10 -1.19	14.24 -0.16 -1.08	21.01 -0.30 -1.19	25.08 -0.47 -0.85	18.60 -0.47 -1.17	15.37 -0.38 -0.58	15.20 -0.35 -0.37	13.99 -0.28 -0.50	12.52 -0.19 -0.67	12.80 -0.20 -0.68	12.40 -0.14 -0.73	12.32 -0.14 -0.80	13.21 -0.14 -1.01	15.85 -0.34 -1.23	20.99 -0.47 -1.04	21.27 -0.50 -1.76	23.35 -0.60 -1.70	16.86 -0.20 -1.40	12.31 -0.17 -1.58	9.57 -0.03 -1.88
STA_56____34_KV_BUS2 355983	11.58 -0.09 -1.58	11.54 -0.09 -1.38	11.30 -0.11 -1.30	11.13 -0.11 -1.19	11.84 -0.10 -1.19	14.24 -0.16 -1.08	21.01 -0.30 -1.19	25.08 -0.47 -0.85	18.60 -0.47 -1.17	15.37 -0.38 -0.58	15.20 -0.35 -0.37	13.99 -0.28 -0.50	12.52 -0.19 -0.67	12.80 -0.20 -0.68	12.40 -0.14 -0.73	12.32 -0.14 -0.80	13.21 -0.14 -1.01	15.85 -0.34 -1.23	20.99 -0.47 -1.04	21.27 -0.50 -1.76	23.35 -0.60 -1.70	16.86 -0.20 -1.40	12.31 -0.17 -1.58	9.57 -0.03 -1.88
STA_67____115KV_BK2 355882	11.63 -0.05 -1.59	11.59 -0.05 -1.39	11.35 -0.07 -1.31	11.17 -0.08 -1.20	11.89 -0.05 -1.20	14.29 -0.12 -1.08	21.07 -0.24 -1.20	25.11 -0.44 -0.86	18.62 -0.45 -1.17	15.39 -0.36 -0.59	15.22 -0.33 -0.37	14.02 -0.25 -0.50	12.54 -0.18 -0.67	12.83 -0.17 -0.69	12.43 -0.12 -0.73	12.36 -0.10 -0.81	13.25 -0.11 -1.01	15.87 -0.33 -1.24	21.04 -0.43 -1.05	21.30 -0.48 -1.77	23.39 -0.58 -1.71	16.91 -0.17 -1.41	12.35 -0.15 -1.59	9.62 0.00 -1.89
STA_7____115KV_9TRANS 80674	11.69 0.01 -1.59	11.66 0.01 -1.39	11.41 -0.01 -1.31	11.23 -0.02 -1.20	11.95 0.00 -1.20	14.37 -0.04 -1.08	21.20 -0.12 -1.20	25.31 -0.25 -0.86	18.75 -0.32 -1.18	15.50 -0.26 -0.59	15.33 -0.23 -0.37	14.11 -0.15 -0.50	12.63 -0.10 -0.67	12.92 -0.09 -0.69	12.51 -0.04 -0.73	12.42 -0.05 -0.81	13.33 -0.02 -1.01	15.98 -0.22 -1.24	21.18 -0.29 -1.05	21.44 -0.34 -1.77	23.57 -0.40 -1.71	17.03 -0.05 -1.41	12.42 -0.08 -1.59	9.67 0.05 -1.90
STA_82____115KV_TB1 80780	11.64 -0.05 -1.59	11.61 -0.04 -1.39	11.37 -0.06 -1.31	11.18 -0.07 -1.20	11.89 -0.05 -1.20	14.30 -0.11 -1.09	21.08 -0.24 -1.21	25.14 -0.42 -0.86	18.63 -0.45 -1.18	15.41 -0.35 -0.59	15.24 -0.32 -0.37	14.02 -0.25 -0.50	12.56 -0.17 -0.68	12.85 -0.16 -0.69	12.43 -0.12 -0.73	12.37 -0.10 -0.81	13.26 -0.10 -1.02	15.89 -0.31 -1.24	21.05 -0.43 -1.05	21.33 -0.46 -1.78	23.42 -0.56 -1.72	16.93 -0.16 -1.42	12.36 -0.14 -1.60	9.63 0.01 -1.90
STEEL____WIND 323596	12.14 -0.08 -2.13	12.06 -0.06 -1.86	11.77 -0.10 -1.75	11.53 -0.12 -1.60	12.25 -0.11 -1.61	14.58 -0.20 -1.45	21.34 -0.38 -1.61	24.98 -0.87 -1.15	18.74 -0.73 -1.58	15.38 -0.58 -0.79	15.15 -0.53 -0.50	14.04 -0.40 -0.68	12.67 -0.29 -0.91	12.99 -0.26 -0.93	12.65 -0.15 -0.99	12.66 -0.09 -1.09	13.60 -0.11 -1.36	16.18 -0.45 -1.67	21.18 -0.65 -1.41	21.56 -0.84 -2.38	23.47 -1.11 -2.33	17.18 -0.45 -1.97	12.67 -0.38 -2.15	10.18 -0.08 -2.54
STEPHTWN_115KV_BK_2 55603	25.08 0.54 -14.45	23.46 0.57 -12.63	22.56 0.56 -11.89	21.49 0.55 -10.88	22.26 0.60 -10.91	23.93 0.76 -9.85	32.18 1.13 -10.94	33.87 1.36 -7.82	29.55 0.97 -10.69	21.31 0.79 -5.36	19.35 0.80 -3.36	19.05 0.72 -4.57	18.80 0.63 -6.12	19.21 0.64 -6.25	19.07 0.60 -6.65	19.62 0.61 -7.35	22.21 0.67 -9.20	26.98 0.78 -11.24	31.03 1.08 -9.52	37.20 1.10 -16.09	40.97 1.22 -17.49	35.04 0.91 -18.46	25.98 0.60 -14.48	25.33 0.39 -17.21
STEBEN_REC_LFGE 323667	13.15 0.50 -2.56	13.04 0.54 -2.24	12.76 0.54 -2.11	12.49 0.51 -1.93	13.29 0.61 -1.93	15.84 0.77 -1.74	23.34 1.29 -1.94	27.44 1.36 -1.39	20.49 0.70 -1.89	16.60 0.49 -0.95	16.26 0.49 -0.60	14.99 0.41 -0.81	13.52 0.39 -1.09	13.82 0.39 -1.11	13.43 0.44 -1.18	13.43 0.47 -1.30	14.49 0.52 -1.63	17.56 0.60 -1.99	23.07 0.96 -1.69	23.78 0.92 -2.85	26.08 1.02 -2.81	18.81 0.72 -2.42	13.84 0.37 -2.57	11.14 0.36 -3.05
STONY____BROOK 24151	25.68 0.98 -14.61	23.12 0.97 -11.89	22.58 0.95 -11.52	22.60 0.96 -11.60	23.20 1.00 -11.45	29.55 1.23 -15.00	31.07 1.87 -9.09	33.09 1.90 -6.49	29.61 1.88 -9.84	23.36 1.61 -6.59	24.29 1.52 -7.59	22.90 1.42 -7.72	22.33 1.26 -9.02	22.52 1.29 -8.91	25.62 1.23 -12.57	26.40 1.24 -13.51	26.87 1.26 -13.27	29.33 1.53 -12.84	31.32 2.04 -8.86	36.62 1.92 -14.69	43.13 2.16 -18.72	31.70 1.41 -14.62	28.00 1.05 -16.05	25.61 0.75 -17.14

STURGEON_POOL_HYD 23609	22.62 0.59 -11.94	21.26 0.56 -10.44	20.49 0.55 -9.83	19.59 0.54 -9.00	20.31 0.55 -9.02	22.08 0.61 -8.14	30.18 1.03 -9.05	32.42 1.26 -6.46	27.91 1.18 -8.83	20.61 1.02 -4.43	18.96 1.00 -2.78	18.48 0.94 -3.78	17.97 0.86 -5.06	18.38 0.90 -5.16	18.19 0.87 -5.50	18.61 0.87 -6.08	20.83 0.88 -7.61	25.25 0.99 -9.30	29.62 1.33 -7.87	34.46 1.14 -13.30	36.79 1.25 -13.29	28.29 0.80 -11.82	23.50 0.62 -11.98	22.39 0.43 -14.23
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	21.88 0.58 -11.21	20.62 0.56 -9.80	19.88 0.54 -9.23	19.03 0.53 -8.45	19.77 0.56 -8.47	21.63 0.67 -7.64	29.67 1.07 -8.49	32.05 1.28 -6.07	27.30 1.11 -8.30	20.28 0.96 -4.16	18.73 0.94 -2.61	18.18 0.87 -3.55	17.58 0.78 -4.75	17.98 0.81 -4.85	17.77 0.79 -5.16	18.16 0.79 -5.71	20.29 0.80 -7.14	24.64 0.94 -8.73	29.08 1.27 -7.39	33.66 1.16 -12.49	35.74 1.27 -12.22	26.86 0.85 -10.35	22.76 0.61 -11.24	21.52 0.43 -13.36
SWANROAD_115KV_TB1 355699	11.72 -0.33 -1.96	11.66 -0.31 -1.71	11.38 -0.34 -1.61	11.17 -0.36 -1.48	11.86 -0.37 -1.48	14.11 -0.55 -1.34	20.61 -0.99 -1.48	24.08 -1.68 -1.06	18.04 -1.31 -1.45	14.85 -1.05 -0.73	14.64 -1.00 -0.46	13.58 -0.80 -0.62	12.24 -0.64 -0.83	12.56 -0.60 -0.85	12.25 -0.47 -0.90	12.24 -0.42 -1.00	13.14 -0.46 -1.25	15.60 -0.90 -1.53	20.39 -1.33 -1.29	20.67 -1.52 -2.18	22.56 -1.82 -2.13	16.60 -0.86 -1.79	12.25 -0.62 -1.97	9.83 -0.23 -2.34
SYNERGY___BIOGAS 323694	11.95 0.26 -1.60	11.91 0.26 -1.40	11.66 0.23 -1.31	11.48 0.23 -1.20	12.23 0.28 -1.21	14.75 0.33 -1.09	21.80 0.48 -1.21	26.10 0.54 -0.86	19.24 0.16 -1.18	15.90 0.14 -0.59	15.71 0.15 -0.37	14.43 0.17 -0.50	12.89 0.17 -0.68	13.19 0.19 -0.69	12.76 0.21 -0.73	12.63 0.16 -0.81	13.58 0.22 -1.02	16.30 0.09 -1.24	21.68 0.20 -1.05	22.01 0.22 -1.78	24.19 0.22 -1.72	17.46 0.38 -1.42	12.72 0.22 -1.60	9.87 0.24 -1.90
SYRACUSE___ENERGY_ST1 323597	11.41 -0.06 -1.38	11.41 -0.05 -1.21	11.19 -0.06 -1.14	11.02 -0.07 -1.04	11.74 -0.05 -1.04	14.20 -0.07 -0.94	21.08 -0.08 -1.05	25.35 -0.10 -0.75	18.76 -0.16 -1.02	15.51 -0.17 -0.51	15.37 -0.14 -0.32	14.08 -0.12 -0.44	12.54 -0.10 -0.59	12.81 -0.11 -0.60	12.37 -0.08 -0.64	12.29 -0.07 -0.70	13.15 -0.07 -0.88	15.94 -0.10 -1.08	21.23 -0.10 -0.91	21.45 -0.10 -1.54	23.65 -0.09 -1.48	16.84 -0.03 -1.20	12.23 -0.07 -1.39	9.37 0.00 -1.65
SYRACUSE___ENERGY_ST2 323598	11.41 -0.06 -1.38	11.41 -0.05 -1.21	11.19 -0.06 -1.14	11.02 -0.07 -1.04	11.74 -0.05 -1.04	14.20 -0.07 -0.94	21.08 -0.08 -1.05	25.35 -0.10 -0.75	18.76 -0.16 -1.02	15.51 -0.17 -0.51	15.37 -0.14 -0.32	14.08 -0.12 -0.44	12.54 -0.10 -0.59	12.81 -0.11 -0.60	12.37 -0.08 -0.64	12.29 -0.07 -0.70	13.15 -0.07 -0.88	15.94 -0.10 -1.08	21.23 -0.10 -0.91	21.45 -0.10 -1.54	23.65 -0.09 -1.48	16.84 -0.03 -1.20	12.23 -0.07 -1.39	9.37 0.00 -1.65
SYRACUSE___POWER 24017	11.44 -0.07 -1.42	11.43 -0.07 -1.24	11.21 -0.07 -1.17	11.04 -0.08 -1.07	11.75 -0.06 -1.07	14.20 -0.09 -0.97	21.09 -0.10 -1.08	25.32 -0.15 -0.77	18.77 -0.18 -1.05	15.51 -0.18 -0.53	15.36 -0.15 -0.33	14.08 -0.14 -0.45	12.54 -0.11 -0.60	12.81 -0.12 -0.61	12.38 -0.09 -0.65	12.30 -0.08 -0.72	13.18 -0.07 -0.91	15.97 -0.10 -1.11	21.24 -0.12 -0.94	21.48 -0.12 -1.58	23.67 -0.11 -1.53	16.86 -0.05 -1.24	12.25 -0.08 -1.43	9.41 -0.01 -1.69
TALLMAN__138KV_BK151 55660	22.27 0.62 -11.56	20.97 0.61 -10.11	20.21 0.59 -9.51	19.34 0.58 -8.71	20.08 0.60 -8.73	21.92 0.72 -7.88	30.02 1.15 -8.76	32.36 1.41 -6.26	27.68 1.23 -8.55	20.52 1.06 -4.29	18.94 1.06 -2.69	18.40 0.98 -3.66	17.84 0.89 -4.90	18.24 0.92 -5.00	18.04 0.90 -5.32	18.43 0.89 -5.88	20.61 0.90 -7.37	25.03 1.06 -9.00	29.45 1.41 -7.62	34.17 1.28 -12.88	36.26 1.40 -12.60	27.25 0.92 -10.66	23.16 0.67 -11.59	21.98 0.48 -13.78
TEALLAVE_115KV_TB7 355573	11.21 -0.10 -1.22	11.22 -0.10 -1.07	11.02 -0.10 -1.01	10.86 -0.11 -0.92	11.57 -0.10 -0.92	14.02 -0.13 -0.83	20.88 -0.16 -0.93	25.14 -0.22 -0.66	18.57 -0.23 -0.90	15.41 -0.21 -0.45	15.27 -0.20 -0.28	13.97 -0.18 -0.39	12.43 -0.13 -0.52	12.70 -0.15 -0.53	12.26 -0.12 -0.56	12.18 -0.10 -0.62	13.01 -0.11 -0.78	15.77 -0.15 -0.95	21.04 -0.18 -0.81	21.19 -0.18 -1.36	23.35 -0.20 -1.30	16.59 -0.11 -1.04	12.02 -0.11 -1.23	9.14 -0.04 -1.46
TELGRAPH_34_KV_EAST 80808	11.85 -0.14 -1.90	11.80 -0.12 -1.66	11.53 -0.15 -1.56	11.31 -0.17 -1.43	12.02 -0.16 -1.44	14.34 -0.28 -1.30	21.01 -0.54 -1.43	24.66 -1.06 -1.03	18.40 -0.89 -1.40	15.16 -0.71 -0.70	14.94 -0.68 -0.44	13.84 -0.52 -0.60	12.45 -0.40 -0.80	12.78 -0.36 -0.82	12.43 -0.26 -0.87	12.42 -0.21 -0.97	13.33 -0.22 -1.21	15.85 -0.60 -1.48	20.80 -0.88 -1.25	21.09 -1.04 -2.12	23.03 -1.29 -2.06	16.88 -0.52 -1.73	12.42 -0.39 -1.91	9.90 -0.09 -2.26
TEMPLE___115KV_TB 2 55572	11.24 -0.09 -1.24	11.25 -0.09 -1.08	11.03 -0.10 -1.02	10.88 -0.10 -0.93	11.59 -0.09 -0.93	14.05 -0.12 -0.84	20.89 -0.16 -0.94	25.14 -0.22 -0.67	18.60 -0.21 -0.92	15.41 -0.21 -0.46	15.29 -0.18 -0.29	13.99 -0.17 -0.39	12.44 -0.13 -0.52	12.72 -0.14 -0.54	12.28 -0.11 -0.57	12.20 -0.09 -0.63	13.04 -0.10 -0.79	15.78 -0.15 -0.96	21.05 -0.18 -0.82	21.21 -0.18 -1.38	23.39 -0.18 -1.32	16.63 -0.09 -1.05	12.05 -0.10 -1.24	9.17 -0.03 -1.48
TIANA____69_KV_BK 1 55817	25.76 1.06 -14.61	23.21 1.07 -11.89	22.67 1.04 -11.52	22.68 1.04 -11.60	23.28 1.09 -11.45	29.66 1.33 -15.00	31.25 2.05 -9.09	33.26 2.07 -6.49	29.74 2.00 -9.84	23.47 1.71 -6.59	24.40 1.62 -7.59	22.98 1.50 -7.72	22.42 1.35 -9.02	22.61 1.38 -8.91	25.70 1.31 -12.57	26.49 1.32 -13.51	26.97 1.36 -13.27	29.46 1.66 -12.84	31.55 2.27 -8.86	36.82 2.12 -14.69	43.40 2.43 -18.72	31.87 1.58 -14.62	28.12 1.17 -16.05	25.69 0.83 -17.14
TILDEN___115KV_TB1 80814	11.44 -0.07 -1.42	11.43 -0.07 -1.24	11.21 -0.07 -1.17	11.04 -0.08 -1.07	11.75 -0.06 -1.07	14.20 -0.09 -0.97	21.09 -0.10 -1.08	25.32 -0.15 -0.77	18.77 -0.18 -1.05	15.51 -0.18 -0.53	15.36 -0.15 -0.33	14.08 -0.14 -0.45	12.54 -0.11 -0.60	12.81 -0.12 -0.61	12.38 -0.09 -0.65	12.30 -0.08 -0.72	13.18 -0.07 -0.91	15.97 -0.10 -1.11	21.24 -0.12 -0.94	21.48 -0.12 -1.58	23.67 -0.11 -1.53	16.86 -0.05 -1.24	12.25 -0.08 -1.43	9.41 -0.01 -1.69
TRIGEN___CC 323695	25.51 0.81 -14.61	22.95 0.80 -11.89	22.40 0.77 -11.52	22.41 0.76 -11.60	23.00 0.81 -11.45	29.30 0.97 -15.00	30.69 1.49 -9.09	32.77 1.58 -6.49	29.31 1.57 -9.84	23.12 1.37 -6.59	24.11 1.34 -7.59	22.72 1.24 -7.72	22.19 1.12 -9.02	22.39 1.16 -8.91	25.50 1.11 -12.57	26.26 1.10 -13.51	26.71 1.10 -13.27	29.10 1.30 -12.83	30.99 1.72 -8.86	36.26 1.56 -14.69	42.73 1.76 -18.72	31.43 1.14 -14.62	27.81 0.86 -16.05	25.49 0.63 -17.14
TRINITY__115KV__ 4 BK 55933	24.98 0.42 -14.47	23.36 0.45 -12.65	22.47 0.45 -11.91	21.39 0.44 -10.90	22.15 0.47 -10.93	23.77 0.59 -9.86	31.94 0.86 -10.96	33.54 1.01 -7.83	29.33 0.73 -10.70	21.15 0.62 -5.36	19.19 0.64 -3.36	18.92 0.58 -4.58	18.69 0.51 -6.13	19.09 0.52 -6.26	18.98 0.50 -6.66	19.52 0.50 -7.36	22.11 0.54 -9.22	26.83 0.61 -11.25	30.79 0.84 -9.54	36.98 0.86 -16.11	40.78 0.96 -17.57	35.01 0.71 -18.64	25.87 0.47 -14.50	25.28 0.32 -17.23

UNION___PROCESSING_DRP 323587	11.65 -0.04 -1.60	11.61 -0.04 -1.40	11.37 -0.06 -1.31	11.18 -0.07 -1.20	11.90 -0.05 -1.21	14.31 -0.11 -1.09	21.10 -0.22 -1.21	25.16 -0.40 -0.86	18.65 -0.43 -1.18	15.41 -0.35 -0.59	15.24 -0.32 -0.37	14.03 -0.23 -0.50	12.56 -0.17 -0.68	12.85 -0.16 -0.69	12.45 -0.11 -0.73	12.37 -0.10 -0.81	13.26 -0.10 -1.02	15.89 -0.31 -1.24	21.05 -0.43 -1.05	21.33 -0.46 -1.78	23.42 -0.56 -1.72	16.93 -0.16 -1.42	12.36 -0.14 -1.60	9.63 0.01 -1.90
UPPER HUDSON___HYD 24058	25.62 0.49 -15.04	23.90 0.49 -13.15	22.97 0.48 -12.38	21.86 0.48 -11.33	22.64 0.54 -11.36	24.27 0.69 -10.25	32.67 1.17 -11.39	34.25 1.41 -8.14	29.94 0.91 -11.13	21.43 0.68 -5.58	19.34 0.65 -3.50	19.09 0.56 -4.76	18.95 0.52 -6.38	19.35 0.52 -6.51	19.23 0.47 -6.94	19.80 0.48 -7.66	22.51 0.57 -9.60	27.40 0.70 -11.73	31.35 1.00 -9.93	37.93 1.14 -16.78	44.26 1.33 -20.67	43.03 0.99 -26.37	26.61 0.60 -15.10	26.03 0.38 -17.92
UPPER RAQUET___HYD 24056	9.95 -0.14 0.00	10.11 -0.14 0.00	9.99 -0.12 0.00	9.94 -0.11 0.00	10.62 -0.13 0.00	13.23 -0.09 0.00	19.97 -0.14 0.00	24.62 -0.07 0.00	17.75 -0.14 0.00	15.02 -0.15 0.00	15.00 -0.18 0.00	13.56 -0.21 0.00	11.68 -0.37 0.00	11.90 -0.42 0.00	11.24 -0.58 0.00	11.04 -0.62 0.00	11.73 -0.62 0.00	14.35 -0.61 0.00	19.67 -0.76 0.00	19.41 -0.60 0.00	21.72 -0.53 0.00	15.20 -0.47 0.00	10.72 -0.19 0.00	7.59 -0.13 0.00
VALLEY44_115KV_TB2 355964	12.29 -0.13 -2.33	12.18 -0.11 -2.03	11.89 -0.14 -1.91	11.64 -0.16 -1.75	12.36 -0.14 -1.76	14.68 -0.23 -1.59	21.54 -0.34 -1.77	25.19 -0.77 -1.26	18.96 -0.66 -1.73	15.46 -0.58 -0.87	15.19 -0.53 -0.54	14.06 -0.44 -0.74	12.70 -0.34 -0.99	13.03 -0.30 -1.01	12.68 -0.21 -1.07	12.69 -0.15 -1.18	13.65 -0.17 -1.48	16.33 -0.45 -1.81	21.34 -0.61 -1.53	21.82 -0.78 -2.59	23.77 -1.02 -2.54	17.35 -0.49 -2.17	12.80 -0.44 -2.33	10.35 -0.15 -2.77
VALLEY___115KV_TB 1-4 80826	10.25 0.16 0.00	10.42 0.16 0.00	10.28 0.16 0.00	10.21 0.16 0.00	10.94 0.19 0.00	13.58 0.25 0.00	20.50 0.38 0.00	25.17 0.47 0.00	18.22 0.32 0.00	15.41 0.24 0.00	15.43 0.24 0.00	13.98 0.22 0.00	12.23 0.18 0.00	12.49 0.17 0.00	11.99 0.18 0.00	11.85 0.19 0.00	12.54 0.20 0.00	15.24 0.27 0.00	20.83 0.41 0.00	20.41 0.40 0.00	22.70 0.45 0.00	15.95 0.28 0.00	11.08 0.17 0.00	7.83 0.11 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	15.22 0.40 -4.72	14.77 0.39 -4.13	14.38 0.38 -3.88	14.00 0.39 -3.56	14.74 0.43 -3.57	17.06 0.52 -3.22	24.54 0.84 -3.58	28.34 1.09 -2.56	22.16 0.77 -3.49	17.53 0.61 -1.75	16.86 0.58 -1.10	15.77 0.51 -1.49	14.50 0.45 -2.00	14.81 0.44 -2.04	14.43 0.44 -2.18	14.51 0.44 -2.40	15.82 0.47 -3.01	19.26 0.61 -3.68	24.43 0.90 -3.11	26.13 0.86 -5.26	29.15 0.96 -5.94	22.97 0.63 -6.67	16.05 0.41 -4.73	13.66 0.31 -5.63
VISCHER___FERRY HYD 24020	25.20 0.41 -14.69	23.55 0.44 -12.85	22.63 0.42 -12.09	21.54 0.42 -11.07	22.31 0.47 -11.10	23.94 0.60 -10.01	32.13 0.88 -11.13	33.71 1.06 -7.95	29.48 0.72 -10.87	21.21 0.59 -5.45	19.19 0.59 -3.42	18.95 0.54 -4.65	18.75 0.47 -6.23	19.15 0.47 -6.36	19.05 0.46 -6.77	19.60 0.45 -7.48	22.22 0.51 -9.37	27.03 0.61 -11.45	30.97 0.86 -9.69	37.29 0.90 -16.38	42.60 1.02 -19.32	39.65 0.75 -23.23	26.14 0.49 -14.74	25.56 0.32 -17.51
V_A_10_SYNC_DSASP 323832	11.70 -0.17 -1.78	11.65 -0.16 -1.55	11.40 -0.18 -1.46	11.20 -0.19 -1.34	11.89 -0.19 -1.34	14.22 -0.32 -1.21	20.86 -0.60 -1.35	24.57 -1.09 -0.96	18.33 -0.88 -1.32	15.13 -0.70 -0.66	14.94 -0.65 -0.41	13.82 -0.51 -0.56	12.42 -0.39 -0.75	12.72 -0.37 -0.77	12.38 -0.26 -0.82	12.34 -0.22 -0.90	13.23 -0.25 -1.13	15.77 -0.58 -1.38	20.74 -0.86 -1.17	21.03 -0.96 -1.98	23.00 -1.18 -1.93	16.79 -0.49 -1.60	12.32 -0.37 -1.78	9.75 -0.09 -2.12
V_CMM_10_SYNC_DSASP 323787	9.88 -0.21 0.00	10.04 -0.22 0.00	9.92 -0.19 0.00	9.86 -0.19 0.00	10.52 -0.23 0.00	13.09 -0.24 0.00	19.71 -0.40 0.00	24.25 -0.44 0.00	17.55 -0.34 0.00	14.88 -0.29 0.00	14.89 -0.29 0.00	13.49 -0.28 0.00	11.77 -0.28 0.00	12.04 -0.28 0.00	11.50 -0.32 0.00	11.32 -0.34 0.00	12.00 -0.35 0.00	14.61 -0.36 0.00	19.91 -0.51 0.00	19.57 -0.44 0.00	21.78 -0.47 0.00	15.29 -0.38 0.00	10.67 -0.23 0.00	7.54 -0.19 0.00
V_CMP_10_SYNC_DSASP 323788	10.16 0.07 0.00	10.36 0.10 0.00	10.25 0.13 0.00	10.18 0.13 0.00	10.86 0.12 0.00	13.54 0.21 0.00	20.43 0.32 0.00	25.26 0.57 0.00	18.25 0.36 0.00	15.44 0.27 0.00	15.43 0.24 0.00	13.94 0.18 0.00	12.17 0.12 0.00	12.47 0.15 0.00	11.88 0.06 0.00	11.67 0.01 0.00	12.39 0.05 0.00	15.13 0.16 0.00	20.69 0.26 0.00	20.45 0.44 0.00	22.74 0.49 0.00	15.89 0.22 0.00	11.08 0.17 0.00	7.79 0.06 0.00
V_E_10_SYNC_DSASP 323830	14.40 0.75 -3.56	14.11 0.74 -3.11	13.77 0.73 -2.93	13.49 0.75 -2.68	14.27 0.84 -2.69	16.83 1.08 -2.43	24.60 1.79 -2.70	28.82 2.20 -1.93	21.80 1.27 -2.63	17.34 0.85 -1.32	16.79 0.77 -0.83	15.51 0.62 -1.13	14.08 0.52 -1.51	14.35 0.49 -1.54	13.96 0.51 -1.64	14.00 0.53 -1.81	15.24 0.63 -2.27	18.76 1.02 -2.77	24.44 1.67 -2.35	25.78 1.80 -3.97	28.46 2.07 -4.14	20.86 1.14 -4.05	15.17 0.70 -3.57	12.47 0.51 -4.24
V_F_30_NSYNC___DSASP 323816	25.61 0.52 -14.99	23.90 0.53 -13.11	22.97 0.52 -12.33	21.87 0.52 -11.30	22.64 0.57 -11.32	24.26 0.72 -10.22	32.62 1.15 -11.36	34.19 1.38 -8.12	29.90 0.91 -11.09	21.44 0.71 -5.56	19.39 0.71 -3.49	19.13 0.62 -4.75	18.97 0.55 -6.36	19.38 0.57 -6.49	19.26 0.53 -6.91	19.84 0.54 -7.64	22.52 0.60 -9.57	27.40 0.75 -11.69	31.36 1.04 -9.90	37.87 1.14 -16.72	44.04 1.29 -20.50	42.60 0.96 -25.98	26.57 0.61 -15.05	25.99 0.40 -17.87
V_F_30_SYNC_DSASP 323786	25.14 0.46 -14.58	23.49 0.48 -12.75	22.59 0.48 -12.00	21.51 0.47 -10.99	22.27 0.52 -11.01	23.90 0.64 -9.94	32.11 0.95 -11.05	33.73 1.14 -7.89	29.49 0.81 -10.79	21.24 0.67 -5.41	19.26 0.68 -3.39	19.00 0.62 -4.61	18.77 0.54 -6.18	19.18 0.55 -6.31	19.07 0.53 -6.72	19.62 0.54 -7.42	22.22 0.58 -9.29	26.98 0.66 -11.35	30.96 0.92 -9.62	37.20 0.94 -16.25	41.48 1.05 -18.19	36.60 0.77 -20.16	26.04 0.51 -14.62	25.45 0.35 -17.38
V_XM_10_SYNC_DSASP 323789	10.16 0.07 0.00	10.36 0.10 0.00	10.25 0.13 0.00	10.18 0.13 0.00	10.86 0.12 0.00	13.54 0.21 0.00	20.43 0.32 0.00	25.26 0.57 0.00	18.25 0.36 0.00	15.44 0.27 0.00	15.43 0.24 0.00	13.94 0.18 0.00	12.17 0.12 0.00	12.47 0.15 0.00	11.88 0.06 0.00	11.67 0.01 0.00	12.39 0.05 0.00	15.13 0.16 0.00	20.69 0.26 0.00	20.45 0.44 0.00	22.74 0.49 0.00	15.89 0.22 0.00	11.08 0.17 0.00	7.79 0.06 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	22.36 0.65 -11.63	21.06 0.64 -10.17	20.29 0.61 -9.57	19.41 0.60 -8.76	20.15 0.62 -8.78	22.00 0.75 -7.93	30.11 1.19 -8.81	32.45 1.46 -6.29	27.77 1.27 -8.60	20.57 1.09 -4.31	18.98 1.09 -2.70	18.45 1.00 -3.68	17.89 0.92 -4.93	18.30 0.95 -5.03	18.09 0.92 -5.36	18.49 0.91 -5.92	20.68 0.93 -7.41	25.11 1.09 -9.05	29.54 1.45 -7.67	34.29 1.32 -12.95	36.37 1.45 -12.67	27.35 0.96 -10.72	23.26 0.70 -11.66	22.08 0.49 -13.86

W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	22.76 0.68 -11.99	21.39 0.65 -10.49	20.60 0.62 -9.87	19.70 0.61 -9.04	20.44 0.63 -9.06	22.27 0.77 -8.17	30.43 1.23 -9.09	32.72 1.53 -6.49	28.16 1.40 -8.87	20.83 1.21 -4.45	19.19 1.21 -2.79	18.69 1.13 -3.79	18.16 1.02 -5.08	18.57 1.06 -5.19	18.38 1.04 -5.52	18.79 1.03 -6.10	21.00 1.01 -7.64	25.53 1.23 -9.34	29.92 1.59 -7.91	34.79 1.42 -13.36	36.86 1.54 -13.07	27.71 0.99 -11.05	23.66 0.73 -12.03	22.55 0.53 -14.29
W50THST__13_KV_LOAD 356117	22.80 0.72 -11.99	21.43 0.69 -10.49	20.64 0.66 -9.87	19.74 0.65 -9.04	20.48 0.68 -9.06	22.32 0.83 -8.17	30.53 1.33 -9.09	32.87 1.68 -6.49	28.27 1.50 -8.87	20.92 1.30 -4.45	19.28 1.31 -2.79	18.77 1.21 -3.79	18.23 1.10 -5.08	18.65 1.15 -5.19	18.45 1.11 -5.52	18.86 1.10 -6.10	21.07 1.09 -7.64	25.62 1.32 -9.34	30.05 1.72 -7.91	34.89 1.52 -13.36	36.97 1.65 -13.07	27.77 1.05 -11.05	23.71 0.77 -12.03	22.58 0.56 -14.29
WADING RIVER_IC_1 23522	25.69 0.99 -14.61	23.13 0.98 -11.89	22.60 0.97 -11.52	22.61 0.96 -11.60	23.21 1.01 -11.45	29.56 1.24 -15.00	31.09 1.89 -9.09	33.09 1.90 -6.49	29.61 1.88 -9.84	23.36 1.61 -6.59	24.29 1.52 -7.59	22.89 1.40 -7.72	22.33 1.26 -9.02	22.52 1.29 -8.91	25.62 1.23 -12.57	26.40 1.24 -13.51	26.89 1.27 -13.27	29.34 1.54 -12.84	31.36 2.08 -8.86	36.66 1.96 -14.69	43.20 2.22 -18.72	31.73 1.44 -14.62	28.02 1.07 -16.05	25.63 0.76 -17.14
WADING RIVER_IC_2 23547	25.69 0.99 -14.61	23.13 0.98 -11.89	22.60 0.97 -11.52	22.61 0.96 -11.60	23.21 1.01 -11.45	29.56 1.24 -15.00	31.09 1.89 -9.09	33.09 1.90 -6.49	29.61 1.88 -9.84	23.36 1.61 -6.59	24.29 1.52 -7.59	22.89 1.40 -7.72	22.33 1.26 -9.02	22.52 1.29 -8.91	25.62 1.23 -12.57	26.40 1.24 -13.51	26.89 1.27 -13.27	29.34 1.54 -12.84	31.36 2.08 -8.86	36.66 1.96 -14.69	43.20 2.22 -18.72	31.73 1.44 -14.62	28.02 1.07 -16.05	25.63 0.76 -17.14
WADING RIVER_IC_3 23601	25.69 0.99 -14.61	23.13 0.98 -11.89	22.60 0.97 -11.52	22.61 0.96 -11.60	23.21 1.01 -11.45	29.56 1.24 -15.00	31.09 1.89 -9.09	33.09 1.90 -6.49	29.61 1.88 -9.84	23.36 1.61 -6.59	24.29 1.52 -7.59	22.89 1.40 -7.72	22.33 1.26 -9.02	22.52 1.29 -8.91	25.62 1.23 -12.57	26.40 1.24 -13.51	26.89 1.27 -13.27	29.34 1.54 -12.84	31.36 2.08 -8.86	36.66 1.96 -14.69	43.20 2.22 -18.72	31.73 1.44 -14.62	28.02 1.07 -16.05	25.63 0.76 -17.14
WALDENNY_12_KV_BK2 80841	12.12 -0.08 -2.11	12.04 -0.06 -1.85	11.75 -0.10 -1.74	11.51 -0.13 -1.59	12.23 -0.11 -1.59	14.55 -0.21 -1.44	21.32 -0.40 -1.61	24.96 -0.89 -1.15	18.73 -0.73 -1.57	15.38 -0.58 -0.79	15.15 -0.53 -0.49	14.05 -0.39 -0.67	12.66 -0.29 -0.90	12.99 -0.25 -0.92	12.65 -0.14 -0.98	12.65 -0.08 -1.07	13.58 -0.11 -1.35	16.16 -0.45 -1.64	21.14 -0.67 -1.39	21.50 -0.86 -2.35	23.44 -1.11 -2.30	17.16 -0.45 -1.95	12.64 -0.38 -2.12	10.16 -0.08 -2.52
WALDEN__HYDRO 24148	22.37 0.64 -11.64	21.06 0.63 -10.18	20.30 0.61 -9.58	19.43 0.60 -8.77	20.16 0.62 -8.79	21.98 0.72 -7.94	30.12 1.19 -8.82	32.43 1.43 -6.30	27.73 1.22 -8.62	20.49 1.00 -4.32	18.88 0.99 -2.71	18.35 0.91 -3.68	17.80 0.82 -4.94	18.20 0.85 -5.04	18.01 0.83 -5.36	18.42 0.84 -5.92	20.63 0.86 -7.42	25.03 1.00 -9.07	29.49 1.39 -7.68	34.20 1.22 -12.97	36.35 1.38 -12.72	27.41 0.92 -10.82	23.27 0.69 -11.67	22.07 0.46 -13.88
WARRENSBURG____ 23737	25.62 0.49 -15.04	23.90 0.49 -13.15	22.97 0.48 -12.38	21.86 0.48 -11.33	22.64 0.54 -11.36	24.27 0.69 -10.25	32.67 1.17 -11.39	34.25 1.41 -8.14	29.94 0.91 -11.13	21.43 0.68 -5.58	19.34 0.65 -3.50	19.09 0.56 -4.76	18.95 0.52 -6.38	19.35 0.52 -6.51	19.23 0.47 -6.94	19.80 0.48 -7.66	22.51 0.57 -9.60	27.40 0.70 -11.73	31.35 1.00 -9.93	37.93 1.14 -16.78	44.26 1.33 -20.67	43.03 0.99 -26.37	26.61 0.60 -15.10	26.03 0.38 -17.92
WATERSIDE____6 8 9 23538	22.73 0.65 -11.99	21.36 0.62 -10.49	20.56 0.58 -9.87	19.66 0.57 -9.04	20.39 0.59 -9.06	22.21 0.71 -8.17	30.33 1.13 -9.09	32.60 1.41 -6.49	28.09 1.32 -8.87	20.78 1.17 -4.45	19.16 1.18 -2.79	18.66 1.10 -3.79	18.13 1.00 -5.08	18.55 1.05 -5.19	18.36 1.02 -5.52	18.77 1.00 -6.10	20.96 0.98 -7.64	25.50 1.20 -9.34	29.88 1.55 -7.91	34.73 1.36 -13.36	36.79 1.47 -13.07	27.63 0.91 -11.05	23.62 0.69 -12.03	22.53 0.51 -14.29
WATKINRD_115KV_LN8_ILLION 55919	10.20 0.11 0.00	10.37 0.11 0.00	10.23 0.11 0.00	10.16 0.11 0.00	10.87 0.13 0.00	13.48 0.16 0.00	20.37 0.26 0.00	25.02 0.32 0.00	18.11 0.21 0.00	15.33 0.17 0.00	15.34 0.15 0.00	13.90 0.14 0.00	12.17 0.12 0.00	12.43 0.11 0.00	11.94 0.12 0.00	11.79 0.13 0.00	12.48 0.14 0.00	15.15 0.18 0.00	20.71 0.29 0.00	20.29 0.28 0.00	22.56 0.31 0.00	15.87 0.20 0.00	11.02 0.12 0.00	7.81 0.08 0.00
WATSON____69_KV_BK 1 55734	25.71 1.01 -14.61	23.15 1.01 -11.89	22.61 0.98 -11.52	22.62 0.97 -11.60	23.22 1.02 -11.45	29.58 1.25 -15.00	31.13 1.93 -9.09	33.14 1.95 -6.49	29.65 1.91 -9.84	23.39 1.64 -6.59	24.32 1.55 -7.59	22.93 1.45 -7.72	22.36 1.29 -9.02	22.56 1.33 -8.91	25.67 1.28 -12.57	26.44 1.27 -13.51	26.92 1.31 -13.27	29.37 1.57 -12.84	31.42 2.14 -8.86	36.72 2.02 -14.69	43.27 2.29 -18.73	31.78 1.49 -14.62	28.04 1.09 -16.05	25.64 0.78 -17.14
WDELAWARE__HYD 323627	20.94 0.64 -10.22	19.80 0.62 -8.93	19.12 0.60 -8.41	18.35 0.60 -7.70	19.05 0.59 -7.72	20.91 0.63 -6.96	28.98 1.13 -7.74	31.58 1.36 -5.53	26.63 1.18 -7.56	19.85 0.89 -3.79	18.42 0.87 -2.38	17.76 0.77 -3.23	17.09 0.71 -4.33	17.48 0.74 -4.42	17.23 0.71 -4.70	17.60 0.75 -5.20	19.64 0.79 -6.51	23.80 0.88 -7.95	28.44 1.29 -6.73	32.49 1.10 -11.38	34.73 1.22 -11.25	26.27 0.83 -9.77	21.80 0.65 -10.24	20.31 0.41 -12.18
WEST BABYLON__IC 23714	25.67 0.97 -14.61	23.11 0.96 -11.89	22.56 0.93 -11.52	22.57 0.92 -11.60	23.17 0.98 -11.45	29.52 1.20 -15.00	31.05 1.85 -9.09	33.07 1.88 -6.49	29.58 1.84 -9.84	23.33 1.58 -6.59	24.29 1.52 -7.59	22.89 1.40 -7.72	22.32 1.25 -9.02	22.53 1.29 -8.91	25.63 1.24 -12.57	26.40 1.24 -13.51	26.89 1.27 -13.27	29.33 1.53 -12.84	31.34 2.06 -8.86	36.64 1.94 -14.69	43.18 2.20 -18.73	31.72 1.43 -14.63	28.00 1.05 -16.05	25.62 0.76 -17.14
WEST CANADA__HYD 24049	10.12 0.03 0.00	10.29 0.03 0.00	10.14 0.03 0.00	10.08 0.03 0.00	10.78 0.03 0.00	13.36 0.04 0.00	20.17 0.06 0.00	24.77 0.07 0.00	17.95 0.05 0.00	15.20 0.03 0.00	15.21 0.03 0.00	13.79 0.03 0.00	12.07 0.02 0.00	12.34 0.02 0.00	11.85 0.04 0.00	11.70 0.04 0.00	12.38 0.04 0.00	15.01 0.05 0.00	20.48 0.06 0.00	20.07 0.06 0.00	22.32 0.07 0.00	15.71 0.05 0.00	10.93 0.02 0.00	7.75 0.02 0.00
WESTERN_NY_WIND 24143	11.94 -0.08 -1.93	11.89 -0.06 -1.69	11.61 -0.09 -1.59	11.40 -0.11 -1.46	12.12 -0.09 -1.46	14.44 -0.20 -1.32	21.16 -0.42 -1.47	24.83 -0.91 -1.05	18.52 -0.80 -1.43	15.20 -0.68 -0.72	14.98 -0.65 -0.45	13.89 -0.48 -0.61	12.50 -0.36 -0.82	12.84 -0.31 -0.83	12.49 -0.21 -0.89	12.45 -0.19 -0.98	13.40 -0.17 -1.23	15.91 -0.55 -1.50	20.90 -0.80 -1.27	21.22 -0.94 -2.15	23.17 -1.18 -2.09	16.99 -0.44 -1.76	12.50 -0.34 -1.93	9.98 -0.05 -2.30

WESTOVER___LESR 323668	13.97 0.13 -3.74	13.67 0.14 -3.28	13.33 0.13 -3.08	12.99 0.12 -2.82	13.72 0.15 -2.83	16.04 0.16 -2.55	23.21 0.26 -2.84	26.92 0.20 -2.03	20.76 0.09 -2.77	16.62 0.06 -1.39	16.12 0.06 -0.87	15.02 0.07 -1.18	13.72 0.08 -1.59	14.04 0.10 -1.62	13.67 0.13 -1.73	13.71 0.14 -1.91	14.89 0.16 -2.39	18.02 0.13 -2.92	23.12 0.22 -2.47	24.34 0.16 -4.17	26.57 0.16 -4.17	19.55 0.19 -3.70	14.75 0.09 -3.76	12.31 0.12 -4.46
WETHRSFD_WT_PWR 323626	12.38 -0.09 -2.38	12.27 -0.07 -2.08	11.97 -0.10 -1.96	11.72 -0.12 -1.79	12.44 -0.11 -1.80	14.75 -0.20 -1.62	21.56 -0.36 -1.80	25.19 -0.79 -1.29	19.00 -0.66 -1.76	15.50 -0.55 -0.88	15.24 -0.50 -0.55	14.15 -0.37 -0.75	12.77 -0.29 -1.01	13.09 -0.26 -1.03	12.75 -0.17 -1.10	12.76 -0.12 -1.21	13.73 -0.14 -1.52	16.40 -0.42 -1.86	21.36 -0.63 -1.57	21.89 -0.78 -2.66	23.84 -1.02 -2.61	17.41 -0.49 -2.22	12.86 -0.44 -2.39	10.40 -0.16 -2.84
WHAVSTOR_138KV_BK127 55557	22.34 0.61 -11.64	21.03 0.59 -10.18	20.27 0.58 -9.58	19.39 0.57 -8.77	20.13 0.59 -8.79	21.96 0.71 -7.93	30.06 1.13 -8.82	32.38 1.38 -6.30	27.72 1.22 -8.61	20.53 1.05 -4.32	18.94 1.05 -2.71	18.41 0.96 -3.68	17.85 0.87 -4.93	18.27 0.91 -5.03	18.06 0.89 -5.36	18.46 0.87 -5.92	20.64 0.88 -7.42	25.08 1.05 -9.06	29.49 1.39 -7.68	34.24 1.26 -12.97	36.30 1.36 -12.69	27.29 0.89 -10.73	23.23 0.65 -11.67	22.07 0.47 -13.87
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	22.34 0.61 -11.64	21.03 0.59 -10.18	20.27 0.58 -9.58	19.39 0.57 -8.77	20.13 0.59 -8.79	21.96 0.71 -7.93	30.06 1.13 -8.82	32.38 1.38 -6.30	27.72 1.22 -8.61	20.53 1.05 -4.32	18.94 1.05 -2.71	18.41 0.96 -3.68	17.85 0.87 -4.93	18.27 0.91 -5.03	18.06 0.89 -5.36	18.46 0.87 -5.92	20.64 0.88 -7.42	25.08 1.05 -9.06	29.49 1.39 -7.68	34.24 1.26 -12.97	36.30 1.36 -12.69	27.29 0.89 -10.73	23.23 0.65 -11.67	22.07 0.47 -13.87
WHITEHAL_115KV_TB1 80871	25.85 0.74 -15.02	24.12 0.73 -13.13	23.16 0.69 -12.36	22.07 0.70 -11.32	22.88 0.80 -11.34	24.57 1.01 -10.24	33.24 1.73 -11.39	34.89 2.05 -8.14	30.35 1.32 -11.13	21.73 0.99 -5.58	19.64 0.96 -3.50	19.33 0.81 -4.76	19.17 0.75 -6.38	19.58 0.75 -6.50	19.42 0.67 -6.93	20.00 0.69 -7.65	22.74 0.81 -9.58	27.71 1.03 -11.71	31.82 1.49 -9.90	38.42 1.68 -16.73	44.81 1.98 -20.58	43.31 1.44 -26.20	26.84 0.87 -15.06	26.19 0.56 -17.90
WHITEPLN_13_KV_LOAD 356215	22.75 0.69 -11.97	21.40 0.68 -10.47	20.62 0.66 -9.85	19.73 0.65 -9.02	20.48 0.69 -9.04	22.31 0.83 -8.16	30.49 1.31 -9.07	32.83 1.65 -6.48	28.15 1.40 -8.86	20.81 1.20 -4.44	19.15 1.18 -2.79	18.64 1.09 -3.79	18.11 0.99 -5.08	18.53 1.03 -5.18	18.34 1.00 -5.51	18.74 0.99 -6.09	20.96 0.99 -7.63	25.47 1.18 -9.32	29.89 1.57 -7.90	34.81 1.46 -13.34	36.90 1.60 -13.05	27.75 1.05 -11.03	23.65 0.74 -12.01	22.54 0.55 -14.27
WM_FLOYD_69_KV_BK2 356380	25.68 0.98 -14.61	23.12 0.97 -11.89	22.58 0.95 -11.52	22.60 0.95 -11.60	23.18 0.99 -11.45	29.54 1.21 -15.00	31.07 1.87 -9.09	33.04 1.85 -6.49	29.58 1.84 -9.84	23.35 1.59 -6.59	24.26 1.49 -7.59	22.87 1.39 -7.72	22.31 1.24 -9.02	22.51 1.28 -8.91	25.61 1.22 -12.57	26.38 1.21 -13.51	26.87 1.26 -13.27	29.31 1.51 -12.84	31.34 2.06 -8.86	36.62 1.92 -14.69	43.16 2.18 -18.72	31.70 1.41 -14.62	28.01 1.06 -16.05	25.61 0.75 -17.14
WOODARD__115KV_TB2 355635	11.21 -0.12 -1.24	11.22 -0.12 -1.08	11.01 -0.12 -1.02	10.85 -0.13 -0.93	11.56 -0.12 -0.94	14.01 -0.16 -0.84	20.83 -0.22 -0.94	25.07 -0.30 -0.67	18.54 -0.27 -0.92	15.37 -0.26 -0.46	15.24 -0.23 -0.29	13.95 -0.21 -0.39	12.41 -0.17 -0.53	12.68 -0.17 -0.54	12.23 -0.15 -0.57	12.15 -0.14 -0.63	13.00 -0.14 -0.79	15.74 -0.19 -0.97	20.99 -0.25 -0.82	21.15 -0.24 -1.38	23.33 -0.24 -1.32	16.58 -0.14 -1.05	12.02 -0.13 -1.24	9.15 -0.05 -1.48
YORK___WARBASSE 23770	22.76 0.68 -11.99	21.38 0.64 -10.49	20.58 0.60 -9.87	19.68 0.59 -9.04	20.42 0.61 -9.06	22.21 0.71 -8.17	30.35 1.15 -9.09	32.57 1.38 -6.49	28.11 1.34 -8.87	20.77 1.15 -4.45	19.16 1.18 -2.79	18.66 1.10 -3.79	18.13 1.00 -5.08	18.55 1.05 -5.19	18.36 1.02 -5.52	18.78 1.01 -6.10	20.96 0.98 -7.64	25.53 1.23 -9.34	29.94 1.61 -7.91	34.77 1.40 -13.36	36.83 1.51 -13.07	27.64 0.92 -11.05	23.63 0.70 -12.03	22.55 0.53 -14.29